

Thu Sep 16 13:16:23 2004

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CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-45

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAGA 1468
Db 20 GAGACAAGCAAGGAGGTGA 2

RESULT 255
US-09-470-661A-18/c
; Sequence 18, Application US/09470661A
; Patent No. 6500662
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PPRS) VIRUS AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: PC10278A
; CURRENT APPLICATION NUMBER: US/09/470,661A
; CURRENT FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; OTHER INFORMATION: forward strand, used for determining cDNA
; OTHER INFORMATION: corresponding to No. 6500662th American PPRS virus genome.
US-09-470-661A-18

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 AGTATCACCAGAGGGTGTCT 575
Db 19 AGTTGCACCAGAGCGTGTCT 1

RESULT 256
US-09-920-759-65/c
; Sequence 65, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-65

CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-45

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAGA 1468
Db 20 GAGACAAGCAAGGAGGTGA 2

RESULT 255
US-09-470-661A-18/c
; Sequence 18, Application US/09470661A
; Patent No. 6500662
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PPRS) VIRUS AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: PC10278A
; CURRENT APPLICATION NUMBER: US/09/470,661A
; CURRENT FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; OTHER INFORMATION: forward strand, used for determining cDNA
; OTHER INFORMATION: corresponding to No. 6500662th American PPRS virus genome.
US-09-470-661A-18

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 AGTATCACCAGAGGGTGTCT 575
Db 19 AGTTGCACCAGAGCGTGTCT 1

RESULT 256
US-09-920-759-65/c
; Sequence 65, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-65

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Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1981 CCTCTGCTGCTCTCTCTCTCT 1999
Db 19 CCTCCCTCTGCTCTTTTCTCT 1

RESULT 257
US-09-198-452A-2212
; Sequence 2212, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2212

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1425 GGAGAAGAAAGAGTCCACC 1443
Db 1 GGTGAAGAGAGACTCACC 19

RESULT 258
US-09-198-452A-4965
; Sequence 4965, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4965
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4965

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 CATTGATATTCACCATGGT 603
Db 2 CATTGGTACTCAGCATGGT 20

RESULT 259
US-09-198-452A-5034
; Sequence 5034, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev

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; TITLE OF INVENTION: and treatment of infection  
 ; FILE REFERENCE: 9710-003-999  
 ; CURRENT APPLICATION NUMBER: US/09/198,452A  
 ; CURRENT FILING DATE: 1998-11-24  
 ; NUMBER OF SEQ ID NOS: 6849  
 ; SEQ ID NO 5034  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Chlamydia pneumoniae  
 ; US-09-198-452A-5034

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 3.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1349 GGGCCCGCAAGACTCTTC 1367  
 Db 2 GAGCCCGCAAAAATCTTC 20

RESULT 260  
 US-09-198-452A-6815  
 ; Sequence 6815, Application US/09198452A  
 ; Patent No. 6559294  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Griffiths, R.  
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
 ; FILE REFERENCE: 9710-003-999  
 ; CURRENT APPLICATION NUMBER: US/09/198,452A  
 ; CURRENT FILING DATE: 1998-11-24  
 ; NUMBER OF SEQ ID NOS: 6849  
 ; SEQ ID NO 6815  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Chlamydia pneumoniae  
 ; US-09-198-452A-6815

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 3.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 GGGATCGGTTAGGTGCT 883  
 Db 1 GGAATCGGTTATCTGCT 19

RESULT 261  
 US-09-649-728-8/c  
 ; Sequence 8, Application US/09649728  
 ; Patent No. 6562564  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Honkanen, Richard E  
 ; TITLE OF INVENTION: DECREASING CELL PROLIFERATION BY DECREASING LEVELS OF PPS  
 ; NUMBER OF SEQUENCES: 15  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESS: Broman & Rogalskyj, LLP  
 STREET: P.O. Box 352  
 CITY: Canandaigua  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 14614-1310  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/649,728  
 FILING DATE: 28-Aug-2000  
 CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/975,127  
 ; FILING DATE: 20-NOV-1997  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Broman, Susan J  
 ; REGISTRATION NUMBER: 34,103  
 ; REFERENCE/DOCKET NUMBER: 004.00126  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 716-393-3002  
 ; TELEFAX: 716-393-3001  
 ; INFORMATION FOR SEQ ID NO: 8:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; ANTI-SENSE: YES  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
 ; US-09-649-728-8

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 3.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 246 TGAGGAGATGACCAAGTAC 264  
 Db 19 TGAGGTGAGGCCAAGTAC 1

RESULT 262  
 US-09-915-229-1  
 ; Sequence 1, Application US/09915229  
 ; Patent No. 6599695  
 ; GENERAL INFORMATION:  
 ; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
 ; APPLICANT: Gage, Fred  
 ; APPLICANT: Ray, Jasodhara  
 ; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS  
 ; FILE REFERENCE: REGN1160-5  
 ; CURRENT APPLICATION NUMBER: US/09/915,229  
 ; CURRENT FILING DATE: 2001-07-24  
 ; PRIOR APPLICATION NUMBER: 08/884,427  
 ; PRIOR FILING DATE: 1997-06-27  
 ; PRIOR APPLICATION NUMBER: 08/445,075  
 ; PRIOR FILING DATE: 1995-05-19  
 ; PRIOR APPLICATION NUMBER: 08/147,843  
 ; PRIOR FILING DATE: 1993-11-03  
 ; PRIOR APPLICATION NUMBER: 08/001,543  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 1  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Forward primer for PCR  
 ; US-09-915-229-1

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 3.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 247 GAGGAGATGACCAAGTACC 265  
 Db 1 GAGGAGATACTGAGTACC 19

RESULT 263  
 US-09-825-497A-6/c  
 ; Sequence 6, Application US/09825497A  
 ; Patent No. 6599742

Best Local Similarity 84.2%; Pred. No. 3.2e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 247 GAGGAGATGACCAAGTACC 265  
DB 1 GAGGAGATAACTGAGTACC 19

RESULT 265  
US-08-208-886C-35/c  
; Sequence 35, Application US/08208886C  
; Patent No. 5597710  
; GENERAL INFORMATION:  
; APPLICANT: Dalie, Barbara  
; APPLICANT: Miller, Kenneth  
; APPLICANT: Murgolo, Nicholas  
; APPLICANT: Tindall, Stephen  
; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schering-Plough Corporation  
; STREET: 2000 Galloping Hill Road  
; CITY: Kenilworth  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07033-0530  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: Apple Macintosh  
; OPERATING SYSTEM: Macintosh 7.1  
; SOFTWARE: Microsoft Word 5.1a  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/208,886C  
; FILING DATE: March 10, 1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Foulke, Cynthia L.  
; REGISTRATION NUMBER: 32,364  
; REFERENCE/DOCKET NUMBER: JB0429  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908 298 2987  
; TELEFAX: 908 298 5388  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-208-886C-35

Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 598 CATGCTGACGCGTGAAG 616  
DB 21 CATGCTGCGCGTCAAG 3

RESULT 266  
US-08-587-209-15/c  
; Sequence 15, Application US/08587209  
; Patent No. 5612473  
; GENERAL INFORMATION:  
; APPLICANT: Wu, Linxian  
; APPLICANT: Coombs, Jana  
; APPLICANT: Malmstrom, Sharon L.  
; APPLICANT: Glass, Michael J.  
; TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying,  
; TITLE OF INVENTION: and Discriminating Multiple Analyses

;/ NUMBER OF SEQUENCES: 30  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: David O. Seeley, Esq.  
;/ ADDRESSEE: Workman, Nydegger & Seeley  
;/ STREET: 1000 Eagle Gate Tower  
;/ CITY: Salt Lake City  
;/ STATE: Utah  
;/ COUNTRY: USA  
;/ ZIP: 84111  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette, 3.50 inch,  
;/ MEDIUM TYPE: 1.44 Mb storage  
;/ COMPUTER: IBM compatible  
;/ OPERATING SYSTEM: MS-DOS  
;/ SOFTWARE: WordPerfect 6.0a for WINDOWS  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/587,209  
;/ FILING DATE: 16-JAN-1996  
;/ CLASSIFICATION: 435  
;/ INFORMATION FOR SEQ ID NO: 15:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 21 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA  
;/ US-08-587-209-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Dy 1355 GCAAGAACTCTTCCAACTT 1373  
Db 20 GCAAGAAAGTGTCCAAATT 2

RESULT 267  
US-08-704-744-35/c  
;/ Sequence 35, Application US/08704744  
;/ Patent No. 5705154  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Dalie, Barbara  
;/ APPLICANT: Miller, Kenneth  
;/ APPLICANT: Murgolo, Nicholas  
;/ APPLICANT: Tindall, Stephen  
;/ TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
;/ NUMBER OF SEQUENCES: 90  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Schering-Plough Corporation  
;/ STREET: 2000 Galloping Hill Road  
;/ CITY: Kenilworth  
;/ STATE: New Jersey  
;/ COUNTRY: USA  
;/ ZIP: 07033-0530  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy disk  
;/ COMPUTER: Apple Macintosh  
;/ OPERATING SYSTEM: Macintosh 7.5.3  
;/ SOFTWARE: Microsoft Word 5.1a  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/704,744  
;/ FILING DATE: 06-SEPT-1996  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 08/208886  
;/ FILING DATE: 10-MAR-1994  
;/ APPLICATION NUMBER: PCT/US/95/02400  
;/ FILING DATE: 08-MAR-1995  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Foulke, Cynthia L.  
;/ REGISTRATION NUMBER: 32,364

;/ REFERENCE/DOCKET NUMBER: JB0429K  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (908) 298-2987  
;/ TELEFAX: (908) 298-5388  
;/ TELEX:  
;/ INFORMATION FOR SEQ ID NO: 35:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 21 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-704-744-35

Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 598 CATGTTGACGGCGTGAAG 616  
Db 21 CATGTTGCGCGTGCAGC 3

RESULT 268  
US-08-613-805-5/c  
;/ Sequence 5, Application US/08613805  
;/ Patent No. 5723294  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Glass, Michael J.  
;/ APPLICANT: Coombs, Jana  
;/ APPLICANT: Malmstrom, Sharon L.  
;/ APPLICANT: Wu, Linxian  
;/ TITLE OF INVENTION: Methods and Apparatus for Detection  
;/ TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent  
;/ TITLE OF INVENTION: Technology  
;/ NUMBER OF SEQUENCES: 9  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: David O. Seeley, Esq.  
;/ ADDRESSEE: Workman, Nydegger & Seeley  
;/ STREET: 1000 Eagle Gate Tower  
;/ STREET: 60 East South Temple  
;/ CITY: Salt Lake City  
;/ STATE: Utah  
;/ COUNTRY: USA  
;/ ZIP: 84111  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette, 3.50 inch,  
;/ MEDIUM TYPE: 1.44 Mb storage  
;/ COMPUTER: IBM compatible  
;/ OPERATING SYSTEM: MS-DOS  
;/ SOFTWARE: WordPerfect 6.0a for WINDOWS  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/613,805  
;/ FILING DATE: 05-MAR-1996  
;/ CLASSIFICATION: 435  
;/ INFORMATION FOR SEQ ID NO: 5:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 21 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA  
;/ US-08-613-805-5

Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAAGAACTCTTCCAACTT 1373  
Db 20 GCAAGAAAGTGTCCAAATT 2

RESULT 269



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US-08-613-805-6
; Sequence 6, Application US/08613805
; Patent No. 5723294
; GENERAL INFORMATION:
; APPLICANT: Glass, Michael J.
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Wu, Linxian
; TITLE OF INVENTION: Methods and Apparatus for Detection
; TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
; TITLE OF INVENTION: Technology
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-613-805-6

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 2 GCAGAAAGTGTTCGAAGTT 20

RESULT 270
US-08-689-236-15/c
; Sequence 15, Application US/08689236
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,236
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-236-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 2 GCAGAAAGTGTTCGAAGTT 20

RESULT 270
US-08-689-236-15/c
; Sequence 15, Application US/08689236
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,236
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-236-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 2 GCAGAAAGTGTTCGAAGTT 20
```

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COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,236
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-236-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 20 GCAAGAAAGTGTTCGAAGTT 2

RESULT 271
US-08-689-235-15/c
; Sequence 15, Application US/08689235
; Patent No. 5753444
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,235
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-235-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 20 GCAAGAAAGTGTTCGAAGTT 2
```

```

RESULT 272
US-08-692-725-15/c
; Sequence 15, Application US/08692725
; Patent No. 5756701
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; PREPARING, AMPLIFYING, AND DISCRIMINATING MULTIPLE ANALYTES
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; STREET: 1000 Eagle Gate Tower
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,725
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-692-725-15
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1355 GCAGAGACTCTCCACCT 1373
Db 20 GCAGAGAGTGTCCAGTT 2

RESULT 273
US-08-469-557-35/c
; Sequence 35, Application US/08469557
; Patent No. 5770403
; GENERAL INFORMATION:
; APPLICANT: Dalie, Barbara
; APPLICANT: Le, Hung
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Nguyen, Hanh
; APPLICANT: Tindall, Stephen
; APPLICANT: Zavodny, Paul
; TITLE OF INVENTION: Cloning and Expression of
; HUMANIZED MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: Microsoft Word 5.1A
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,557
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/290,793
; FILING DATE: August 16, 1994
; APPLICATION NUMBER: PCT/US93/01301
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/841,659
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/782,784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US 07/499,327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US 07/655,966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US 07/113,623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US 06/881,553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US 06/843,958
; FILING DATE: 25-MAR-1986
; APPLICATION NUMBER: US 06/799,668
; FILING DATE: 19-NOV-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: 2409K7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908 298-2987
; TELEFAX: 908-298-5388
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-469-557-35
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 CATGTCGACGCGTCGAAG 616
Db 21 CATGTCGCGCGTCGACG 3

RESULT 274
US-08-692-726-15/c
; Sequence 15, Application US/08692726
; Patent No. 5846783
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for Preparing,
; Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; STREET: 1000 Eagle Gate Tower
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111

```

```

; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,726
; FILING DATE: 06-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/587,209
; FILING DATE: 16-JAN-1996
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-692-726-15
;
; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1355 GCAAGAACTCTTCCAAC TT 1373
; Db 20 GCAAGAAAGTGTTCCAAG TT 2
;
; RESULT 276
; US-08-925-444A-6
; Sequence 6, Application US/08925444A
; Patent No. 5861256
; GENERAL INFORMATION:
; APPLICANT: Glass, Michael J.
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Wu, Linxian
; TITLE OF INVENTION: Methods and Apparatus for Detection
; TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
; TITLE OF INVENTION: Technology
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,444A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-925-444A-6
;
; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1355 GCAAGAACTCTTCCAAC TT 1373
; Db 2 GCAAGAAAGTGTTCCAAG TT 20
;
; RESULT 277
; US-08-290-793B-35/c
; Sequence 35, Application US/08290793B
; Patent No. 5863537
; GENERAL INFORMATION:
;
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,444A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
```

APPLICANT: Dalia, Barbara  
APPLICANT: Le, Hung  
APPLICANT: Miller, Kenneth  
APPLICANT: Murgolo, Nicholas  
APPLICANT: Nguyen, Hanh  
APPLICANT: Tindall, Stephen  
APPLICANT: Zavodny, Paul  
TITLE OF INVENTION: Cloning and Expression of  
TITLE OF INVENTION: Humanized Monoclonal Antibodies  
TITLE OF INVENTION: Against Human Interleukin-4  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 6.0.5  
SOFTWARE: Microsoft Word 5.1A  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/290,793B  
FILING DATE: August 16, 1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01301  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/841,659  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/782,784  
FILING DATE: 24-OCT-1991

APPLICATION NUMBER: US 07/499,327  
FILING DATE: 21-MAY-1990  
APPLICATION NUMBER: PCT/US88/03631  
FILING DATE: 21-OCT-1988  
APPLICATION NUMBER: US 07/655,966  
FILING DATE: 14-FEB-1991  
APPLICATION NUMBER: US 07/113,623  
FILING DATE: 26-OCT-1987

APPLICATION NUMBER: US 06/881,553  
FILING DATE: 03-JUL-1986  
APPLICATION NUMBER: US 06/843,958  
FILING DATE: 25-MAR-1986  
APPLICATION NUMBER: US 06/799,668  
FILING DATE: 19-NOV-1985

ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: 2409K7  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908 298-2987  
TELEFAX: 908 298-5388

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-290-793B-35  
Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

598 CATGCTGACGCGGTGAAG 616  
|||||  
21 CATGCTGCGCGGTGACG 3

RESULT 278  
S-08-873-479-48/c

Sequence 48, Application US/08973479  
Patent No. 5891701  
GENERAL INFORMATION:  
APPLICANT: Sloma, Alan  
APPLICANT: Lyne, Christianson  
TITLE OF INVENTION: Nucleic Acids Encoding A Polypeptide  
TITLE OF INVENTION: Having Protease Activity  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5891701o No. 5891701disk of No. 5891701th America  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10174

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/873,479  
FILING DATE: 12-JUN-1997

CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Agis, Cheryl H  
REGISTRATION NUMBER: 34,086  
REFERENCE/DOCKET NUMBER: 5251.000-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655

TELEX:  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-873-479-48  
Query Match 0.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

707 GGGCTGGCAAGGCAAGTA 725  
|||||  
21 GTGCTGGCAATGCAGTA 3

RESULT 279  
US-08-972-661A-34/c  
Sequence 34, Application US/08972661A  
Patent No. 5958728  
GENERAL INFORMATION:  
APPLICANT: Sloma, Alan  
APPLICANT: Sternberg, David  
APPLICANT: Adams, Lee F.  
APPLICANT: Brown, Stephen  
TITLE OF INVENTION: Method For Producing Polypeptides  
TITLE OF INVENTION: In Mutants Of Bacillus Cells  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5958728o No. 5958728disk Of No. 5958728th America, Inc.  
STREET: 405 Lexington Avenue - 64th Fl.  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10174

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/972,661A
; FILING DATE: 18-NOV-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Starnes, Robert L
; REGISTRATION NUMBER: 41,324
; REFERENCE/DOCKET NUMBER: 5111.200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-878-9652
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-972-661A-34

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GGGCTGGCAAGGCAAGTA 725
Db 21 GTGCTGGCAAGTGCAGTA 3

RESULT 280
US-08-863-639A-37
; Sequence 37, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueh
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-37

Query Match 0.7%; Score 14.2; DB 1; Length 21;
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```
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACGAC 1263
Db 2 CGACGACGACGACGAC 20

RESULT 281
US-08-863-639A-54
; Sequence 54, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueh
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-54

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACGAC 1263
Db 1 CGACGACGACGACGAC 19

RESULT 282
US-08-863-639A-57/c
; Sequence 57, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
```

QY 707 GGGCTGGCAAAGGCAAGTA 725

Db 21 GTGCTGGCAATGCAGTA 3  
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 RESULT 286  
 US-08-927-219-113/c  
 ; Sequence 113, Application US/08927219  
 ; Patent No. 6187533  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bell, Graeme I.  
 ; APPLICANT: Yamagata, Kazuya  
 ; APPLICANT: Oda, Nachisha  
 ; APPLICANT: Kaisaki, Pamela J.  
 ; APPLICANT: Furuta, Hiroto  
 ; APPLICANT: Horikawa, Yukio  
 ; APPLICANT: Menzel, Stephen  
 ; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY  
 ; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA  
 ; TITLE OF INVENTION: AND HNF-4ALPHA  
 ; NUMBER OF SEQUENCES: 147  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Arnold, White & Durkee  
 ; STREET: P.O. Box 4433  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: USA  
 ; ZIP: 77210  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/927,219  
 ; FILING DATE: Concurrently Herewith  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/029,679  
 ; FILING DATE: 30-OCT-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/028,056  
 ; FILING DATE: 02-OCT-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/025,719  
 ; FILING DATE: 10-SEP-1996  
 ; NAME: Wilson, Mark B.  
 ; ATTORNEY/AGENT INFORMATION:  
 ; REGISTRATION NUMBER: 37,259  
 ; REFERENCE/DOCKET NUMBER: ARCD:272  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 512/418-3000  
 ; TELEFAX: 512/474-7577  
 ; INFORMATION FOR SEQ ID NO: 113:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-927-219-113  
 Query Match 0.7%; Score 14.2; DB 1; Length 21;  
 Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 1659 CTCAGGCGAGCTGTGCTGG 1677  
 |||||  
 Db 21 CTCAGGCGAGCTGTGCTGG 3  
 |||||  
 RESULT 287  
 US-09-177-650-13/c  
 ; Sequence 13, Application US/09177650  
 ; Patent No. 6413719

; GENERAL INFORMATION:  
 ; APPLICANT: Leppert, Mark F.  
 ; APPLICANT: Singh, Nanda  
 ; APPLICANT: Charlier, Carole  
 ; TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE  
 ; TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)  
 ; TITLE OF INVENTION: AND OTHER EPILEPSIES  
 ; FILE REFERENCE: 2323-134  
 ; CURRENT APPLICATION NUMBER: US/09/177,650  
 ; CURRENT FILING DATE: 1998-10-23  
 ; EARLIER APPLICATION NUMBER: 60/063,147  
 ; EARLIER FILING DATE: 1997-10-24  
 ; NUMBER OF SEQ ID NOS: 129  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 13  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-177-650-13  
 Query Match 0.7%; Score 14.2; DB 1; Length 21;  
 Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 501 GGCACTCGGCTTCGTTAC 519  
 |||||  
 Db 21 GGAGACTGGCTTCGTTAC 3  
 |||||  
 RESULT 288  
 US-09-360-545-62/c  
 ; Sequence 62, Application US/09360545  
 ; Patent No. 6429014  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Croteau, Rodney B  
 ; APPLICANT: Bohlmann, Jorg  
 ; APPLICANT: Steele, Christopher L  
 ; APPLICANT: Phillips, Michael A  
 ; TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)  
 ; FILE REFERENCE: wsur13885  
 ; CURRENT APPLICATION NUMBER: US/09/360,545  
 ; CURRENT FILING DATE: 1999-07-26  
 ; EARLIER APPLICATION NUMBER: 60/052,249  
 ; EARLIER FILING DATE: 1997-11-07  
 ; EARLIER APPLICATION NUMBER: PCT/US98/14528  
 ; EARLIER FILING DATE: 1998-07-10  
 ; NUMBER OF SEQ ID NOS: 107  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 62  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:  
 ; OTHER INFORMATION: oligonucleotide corresponding to amino acid  
 ; OTHER INFORMATION: sequence set forth in SEQ ID NO:51  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (1)..(21)  
 ; OTHER INFORMATION: Oligonucleotide corresponding to conserved amino  
 ; OTHER INFORMATION: acid sequence set forth in SEQ ID NO:51  
 ; US-09-360-545-62  
 Query Match 0.7%; Score 14.2; DB 1; Length 21;  
 Best Local Similarity 84.2%; Pred. No. 3.6e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 1274 GCATCTCGATCTGCTCCTC 1292  
 |||||  
 Db 19 GCATCTCCAGCAGCTCCTC 1  
 |||||  
 RESULT 289

```
US-09-422-978-5690/c
; Sequence 5690, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5690
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-6141 for SEQ 1756,
US-09-422-978-5690
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCAAGAGGAGAA 1454
Db 20 AAGTCACAGAGACTAGAA 2

RESULT 290
US-09-422-978-6821
; Sequence 6821, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6821
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-19624 for SEQ 2887,
US-09-422-978-6821
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1425 GGAGGAGAAAGAGTCACC 1443
Db 1 GGAGGAGAAAGCAGTTACC 19
```

```
RESULT 291
US-10-139-842B-40
; Sequence 40, Application US/10139842B
; Patent No. 6620623
; GENERAL INFORMATION:
; APPLICANT: The University of Chicago
; APPLICANT: Yerushov, Gennadiy
; APPLICANT: Alferov, Oleg
; APPLICANT: Kukhtin, Alexander
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
; TITLE OF INVENTION: POSITIONING
; FILE REFERENCE: ANL-IN-01-052
; CURRENT APPLICATION NUMBER: US/10/139,842B
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Completely Synthesized
US-10-139-842B-40
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1080 AGATTTCAGCTCCACATCAG 1100
Db 1 ATATTTCAGCCCATAGTAG 21

RESULT 292
US-08-291-932A-258
; Sequence 258, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; TWO
```



```
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 258:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-258

Query Match      0.7%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      997 AGGACATATGAGAC 1010
      |||||:|||||
Db      1 AGGACAUAUGAGAC 14

RESULT 293
US-09-920-760-19/c
; Sequence 19, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920.760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-19

Query Match      0.7%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1337 AGGAGGGAGAGGGG 1350
      |||||:|||||
Db      16 AGGAGGGAGAGGGG 3

RESULT 294
US-09-489-869-27
; Sequence 27, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-27
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Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1672 TGCTGGGTGAGCTC 1685
      |||||:|||||
Db      6 TGCTGGGTGAGCTC 19

RESULT 295
US-09-659-791A-44/c
; Sequence 44, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-44

Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1680 GAGCTCTTCAGGA 1693
      |||||:|||||
Db      16 GAGCTCTTCAGGA 3

RESULT 296
US-09-198-452A-1984
; Sequence 1984, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment; thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1984
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1984

Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1683 CTCCTCCAGGAGCC 1696
      |||||:|||||
Db      1 CTCCTCCAGGAGCC 14

RESULT 297
US-08-373-124A-1058/c
; Sequence 1058, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
```

APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1058:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

JS-08-373-124A-1058

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1595 TGTGTATTATATAAAA 1611  
Db 17 TGTATATATATATAAAA 1

RESULT 298

JS-08-435-628-1058/c

Sequence 1058, Application US/08435628  
Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1058:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-1058

Query Match

Best Local Similarity 0.7%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1595 TGTGTATTATATAAAA 1611  
Db 17 TGTATATATATATAAAA 1

RESULT 299

US-08-584-040-2402

Sequence 2402, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Favco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

```
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2402:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2402

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 419 CAAGTGTGTGAAACTT 435
Db 1 CAACUGCUUGAACUU 17

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2402:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2402

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 419 CAAGTGTGTGAAACTT 435
Db 1 CAACUGCUUGAACUU 17

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5499:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5499

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1579 ATATTTTCTATTTCTCT 1595
Db 17 AAATGTTCTATTTCTCT 1

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
```

```
RESULT 301
US-08-679-645-678
; Sequence 678, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
```

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-678

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.8e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1941 CTTCCCACTGGCCTCAA 1957  
1 CUUCCCAUGGCCUCCA 17

## RESULT 302

US-08-679-645-886  
Sequence 886, Application US/08679645  
Patent No. 6350934

## GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 886:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-886

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 2.8e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 1580 TATTTTCTATTCTCTG 1596  
1 UAUUUUUAUUUUUCUG 17

## RESULT 303

US-09-371-772B-947  
Sequence 947, Application US/09371772B  
Patent No. 6566127

## GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 947  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-947

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 2.8e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTGTCTGTGAAACTT 435  
1 CACUCGUUUGAAACUU 17

## RESULT 304

US-09-371-772B-2390/c  
Sequence 2390, Application US/09371772B  
Patent No. 6566127

## GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2390  
LENGTH: 17



JS-09-371-772B-4758

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.8e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 477 CCTGCACCATGCAAGA 493  
||:|||||  
Db 1 CCUGCACCAAGCAAGA 17

RESULT 309

US-09-371-772B-5394/c  
; Sequence 5394, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5394

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

JS-09-371-772B-5394

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 349 GTTGTGAGGACTGTCC 365  
|||  
Db 17 GGTGAGGAGGACTGTCC 1

RESULT 310

JS-09-866-108A-6562  
; Sequence 6562, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6562  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6562

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 ACCTGTGGCCCTGGATA 1027  
|||  
Db 1 ACCTGTGGCCCTGGATA 17

RESULT 311

US-09-866-108A-7084  
; Sequence 7084, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7084

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7084

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1455 AACCAAGGAGGAGAGC 1471  
Db 1 AGCCAAGAGGAGGAGC 17

RESULT 312

US-09-866-108A-8667  
Sequence 8667, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8667

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8667

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1454 AAACAAGGAGGAGAG 1470  
Db 1 AAGCAAGAGGAGAG 17

RESULT 313

US-09-866-108A-8668  
Sequence 8668, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8668

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8668

Query Match 0.7%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1455 AACCAAGGAGGAGAGC 1471  
Db 1 AGCCAAGAGGAGAGC 17

RESULT 314

US-09-866-108A-8944/c  
Sequence 8944, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8944
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8944

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1682 GCTCTTCCAGGAGCCAC 1698
Db      ||||| ||||| |||||
        17 GCTCTTCCAGGAGCCGC 1

RESULT 315
US-09-866-108A-8947/c
; Sequence 8947, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8947
; LENGTH: 17
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-866-108A-8947

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 TGAGCTCTTCCAGGAGC 1695
Db      ||||| ||||| |||||
        17 TCAGCTCTTCCAGGCGC 1

RESULT 316
5240847-22
; Patent No. 5240847
; APPLICANT: HECKL, KONRAD; SPEVAK, WALTER; OSTERMANN, ELINBOERG;
; ZOPHEL, ANDREAS; KRISTEK, EDELTRAUD; MAURER-FOGY, INGRID;
; WICHE-CASTANON, MARIA J.; STRATOWA, CHRISTIAN; HAUPTMANN, RUDOLF
; TITLE OF INVENTION: HUMAN MANGANESE SUPEROXIDE DISMUTASE
; (HMN-SOD)
; NUMBER OF SEQUENCES: 34
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/167,261
; FILING DATE: 11-MAR-1988
; SEQ ID NO: 22;
; LENGTH: 17
; 5240847-22

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 810 GGAGATGTTCCAGCCTA 826
Db      ||||| ||||| |||||
        1 GGAGATGTTACAGCCCA 17

RESULT 317
US-08-105-483-101
; Sequence 101, Application US/08105483
; Patent No. 5494807
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/105,483
; FILING DATE: 12-AUG-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
```



; INFORMATION FOR SEQ ID NO: 101:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-105-483-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGCT 2083

Db 2 CTTTGTAATAAATGAT 18

## RESULT 318

US-08-709-209-101  
; Sequence 101, Application US/08709209  
; Patent No. 5762938  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
; TITLE OF INVENTION: STRAIN  
; NUMBER OF SEQUENCES: 462  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; ADDRESSEE: c/o William S. Frommer  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/709,209  
; FILING DATE: 21-AUG-1996  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/105,483  
; FILING DATE: 12-AUG-1993  
; APPLICATION NUMBER: US 07/847,951  
; FILING DATE: 06-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2400  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; INFORMATION FOR SEQ ID NO: 101:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-709-209-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGCT 2083

Db 2 CTTTGTAATAAATGAT 18

## RESULT 319

US-08-458-101-101  
; Sequence 101, Application US/08458101  
; Patent No. 5766599  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Perkus, Marion E.  
; APPLICANT: Taylor, Jill  
; APPLICANT: Tartaglia, James  
; APPLICANT: No. 5766599ton, Elizabeth K.  
; APPLICANT: Riviere, Michel  
; APPLICANT: de Taisne, Charles  
; APPLICANT: Limbach, Keith J.  
; APPLICANT: Johnson, Gerard P.  
; APPLICANT: Pincus, Steven E.  
; APPLICANT: Cox, William I.  
; APPLICANT: Audonnet, Jean-Christophe Francis  
; APPLICANT: Gettig, Russell Robert  
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
; TITLE OF INVENTION: STRAIN  
; NUMBER OF SEQUENCES: 467  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; ADDRESSEE: c/o William S. Frommer  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/458,101  
; FILING DATE: 01-JUN-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2740  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; INFORMATION FOR SEQ ID NO: 101:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-458-101-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGCT 2083

Db 2 CTTTGTAATAAATGAT 18

## RESULT 320

US-09-205-922-23/c  
; Sequence 23, Application US/09205922  
; Patent No. 5951455  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION  
; FILE REFERENCE: RFS-0030  
; CURRENT APPLICATION NUMBER: US/09/205,922  
; CURRENT FILING DATE: 1998-12-04  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 23

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-205-922-23

Query Match      0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 321 GTACGACGACGATGC 337
   ||| ||||| |||||
Db 18 GTTCATCAAGCAGATGC 2

RESULT 321
JS-08-994-824-7/c
; Sequence 7, Application US/08994824
; Patent No. 6008400
; GENERAL INFORMATION:
; APPLICANT: Scaringe, Stephen A.
; APPLICANT: Caruthers, Marvin H.
; TITLE OF INVENTION: NOVEL PROTECTING GROUPS AND USE THEREOF
; TITLE OF INVENTION: IN AN IMPROVED PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dan Cleveland, Jr.
; STREET: 1790 30th Street, Suite 140
; CITY: Boulder
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/994,824
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/488,878
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cleveland, Dan
; REGISTRATION NUMBER: 36,106
; REFERENCE/DOCKET NUMBER: 9028/103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303)449-9497
; TELEFAX: (303)449-0814
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (synthetic)
JS-08-994-824-7

Query Match      0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 AGCGATGACTACATTAA 284
   ||||| ||||| |||||
Db 18 AGCGATGACTACTCTAA 2

RESULT 322
US-09-205-143-57/c
; Sequence 57, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-57

Query Match      0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1135 TACCTGGAGAGATCAA 1151
   ||||| ||||| |||||
Db 18 TACCTGGAGAGATCAA 2

RESULT 323
US-09-306-595C-15
; Sequence 15, Application US/09306595C
; Patent No. 6284506
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/306,595C
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: 98108210
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of small EcoRI portion of HMC gene
US-09-306-595C-15

Query Match      0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 AGAGCCGACAGCCCAA 1482
   ||||| ||||| |||||
Db 1 AGAGCCGACAGAGAAA 17

RESULT 324
US-08-884-866A-15
; Sequence 15, Application US/08884866A
; GENERAL INFORMATION:
; APPLICANT: Chien, Shu
; APPLICANT: Shyy, John Y-J
; TITLE OF INVENTION: GENE THERAPY IN CORONARY ANGIOPLASTY AND
; TITLE OF INVENTION: BYPASS
; FILE REFERENCE: UCSD1100-1
; CURRENT APPLICATION NUMBER: US/08/884,866A
; CURRENT FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/030,358
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 25

```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer sequence at the 5' end of the p21 Ras.
US-08-884-866A-15

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1248 TGAGGACGAGACGACC 1264
Db 2 TGTGGAGATACGACC 18

RESULT 325
US-09-167-109-135
; Sequence 135, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAP EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-135

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1218 TGAGGACGCCATCCCTG 1234
Db 2 TGAGCAGCCATCACTG 18

RESULT 326
US-09-422-978-3943/c
; Sequence 3943, Application US/09422378
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3943
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

```
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1217 for SEQ 9,
US-09-422-978-3943

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 907 GCCAAGTGTGTGGAATT 923
Db 18 GACAAGTGTGTGGAAT 2

RESULT 327
US-09-925-388-15
; Sequence 15, Application US/09925388
; Patent No. 6586202
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/925,388
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/306,595
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of small EcoRI portion of HMC gene
US-09-925-388-15

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1466 AGAGCCAGAGCCAAA 1482
Db 1 AGAGCCAGAGAGAAA 17

RESULT 328
US-09-913-514-20
; Sequence 20, Application US/09913514
; Patent No. 6653069
; GENERAL INFORMATION:
; APPLICANT: GOMI, Yasuyuki
; APPLICANT: SUNAMACHI, Hiroki
; APPLICANT: TAKAHASHI, Michiaki
; APPLICANT: YAMANISHI, Koichi
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vacci...
; FILE REFERENCE: 0216-0454P
; CURRENT APPLICATION NUMBER: US/09/913,514
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: PCT/JP01/00678
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000-62734
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Varicella virus
; FEATURE:
US-09-913-514-20
```

```
Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 GACGGGATTGACGACGA 767
    ||||| ||||| ||||| |||||
Db 2 GACGGGATTGACGACGA 18

RESULT 329
PCT-US96-09915-7/c
; Sequence 7, Application PC/TUS9609915
; GENERAL INFORMATION:
; APPLICANT: Scaringe, Stephen A.
; APPLICANT: Caruthers, Marvin H.
; TITLE OF INVENTION: NOVEL PROTECTING GROUPS AND USE THEREOF
; TITLE OF INVENTION: IN AN IMPROVED PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS
; NUMBER OF SEQUENCES: 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09915
; FILING DATE: 07-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/488,878
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Petersen, Steven C.
; REGISTRATION NUMBER: 36,238
; REFERENCE/DOCKET NUMBER: file no. 16840-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-546-1300
; TELEFAX: 303-449-5426
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA (synthetic)"
PCT-US96-09915-7

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 AGCGATGACTACATTAA 284
    ||||| ||||| ||||| |||||
Db 18 AGCGATGACTACTCTAA 2

RESULT 330
US-08-050-073-98/c
; Sequence 98, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
```

```
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-050-073-98

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1491 GGAGGAGGTCAAGTTGG 1507
    ||||| ||||| ||||| |||||
Db 19 GGAGGAGGTTAAGTTTG 3

RESULT 331
US-08-642-684-8
; Sequence 8, Application US/08642684
; Patent No. 5834253
; GENERAL INFORMATION:
; APPLICANT: HONG, GUO FAN
; APPLICANT: FENG, ZHAI
; APPLICANT: HUANG, WEI-HUA
; TITLE OF INVENTION: A NEW DNA POLYMERASE WITH PROOF-READING
; TITLE OF INVENTION: 3'-5' EXONUCLEASE ACTIVITY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/642,684
; FILING DATE: 03-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```



```
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7755
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-23824 for SEQ 3821,
US-09-422-978-7755

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1726 CTTTGAACCAATAAGGG 1742
DB 19 CTTTGAACCAATAAGGG 3

RESULT 336
US-09-422-978-9216/c
; Sequence 9216, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9216
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-23204 for SEQ 1351, in complete
US-09-422-978-9216

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1460 AGGAGGAGGAGGAGGAGG 1476
DB 17 AGGAGGAGGAGGAGGAGG 1

RESULT 337
US-07-958-140-11/c
; Sequence 11, Application US/07958140
; Patent No. 5489525
; GENERAL INFORMATION:
; APPLICANT: Pastan, Ira H.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO PROSTATE CELLS
```

```
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend
; STREET: One Market Plaza, Steuart Street Tower
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/958,140
; FILING DATE: 19921008
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W.
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 15280-77
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 467-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-07-958-140-11

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1097 TCAGTCCTTCCCAATG 1113
DB 17 TCAGTCCTTCCCAATG 1

RESULT 338
US-08-478-470-8/c
; Sequence 8, Application US/08478470
; Patent No. 5531607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Ratum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
```

```
;
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; US-08-478-470-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1601 TTTATATAAAATTTAT 1617
; Db 20 TATATATAAAATATAT 4
;
; RESULT 339
; US-08-214-599-8/c
; Sequence 8, Application US/08214599
; Patent No. 559922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-214-599-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1601 TTTATATAAAATTTAT 1617
; Db 20 TATATATAAAATATAT 4
;
; RESULT 340
; US-08-473-015-8/c
; Sequence 8, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
```

```

; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 5525-0012
; APPLICATION DATA:
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-473-015-8
;
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2y 1601 TTTATATAAAATTTAT 1617
Db 20 TATATATAAAATATAT 4

RESULT 341
US-08-480-552-21/c
; Sequence 21, Application US/08480552
; Patent No. 5665530
; GENERAL INFORMATION:
; APPLICANT: Gudkov, Andrei
; TITLE OF INVENTION: Genes And Genetic Elements Associated
; WITH SENSITIVITY TO CHEMOTHERAPEUTIC DRUGS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

```

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,552
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/033,086
; FILING DATE: 09 MAR 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Keown, Wayne A.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 93,354
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/345-9100
; TELEFAX: 617/345-9111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-480-552-21
;
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 GAGGCCATTTCAAGCC 791
Db 20 GAGCTCATTTCAAGCC 4

RESULT 342
US-08-339-912-2
; Sequence 2, Application US/08339912
; Patent No. 5670320
; GENERAL INFORMATION:
; APPLICANT: Wallace, Douglas C.
; TITLE OF INVENTION: DETECTION OF MITOCHONDRIAL DNA MUTATION
; ASSOCIATED WITH DYSTONIA AND/OR LEBER'S HEREDITARY OPTIC
; TITLE OF INVENTION: NEUROPATHY
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,912
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Selby, Elizabeth
; REGISTRATION NUMBER: P38,298
; REFERENCE/DOCKET NUMBER: 0510.043
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```



; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 US-08-339-912-2

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 262 TACCACGCGTGACTA 278  
 ||| ||||| ||||| |||||  
 Db 4 TACTACGCGTGACTA 20

## RESULT 343

US-08-089-996-50  
 ; Sequence 50, Application US/08089996  
 ; Patent No. 5703054

; GENERAL INFORMATION:  
 ; APPLICANT: Nicholas Dean, C. Frank Bennett  
 ; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
 ; NUMBER OF SEQUENCES: 62  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock Washburn Kurtz  
 ; ADDRESSEE: Mackiewicz & No. 5703054ris  
 ; STREET: One Liberty Place - 46th Floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: PC-DOS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/089,996  
 ; FILING DATE: 19930709

; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 852,852  
 ; FILING DATE: March 16, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Rebecca Ralph Gaumond  
 ; REGISTRATION NUMBER: 35,152  
 ; REFERENCE/DOCKET NUMBER: ISIS-1154  
 ; TELEPHONE: (215) 568-3100  
 ; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 50:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; ANTI-SENSE: yes

## US-08-089-996-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
 | ||||| ||||| |||||  
 Db 1 AGGCTGATGCTGGGAAG 17

## RESULT 344

US-08-089-996-62  
 ; Sequence 62, Application US/08089996  
 ; Patent No. 5703054

; GENERAL INFORMATION:  
 ; APPLICANT: Nicholas Dean, C. Frank Bennett  
 ; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
 ; NUMBER OF SEQUENCES: 62  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock Washburn Kurtz  
 ; ADDRESSEE: Mackiewicz & No. 5703054ris  
 ; STREET: One Liberty Place - 46th Floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: PC-DOS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/089,996  
 ; FILING DATE: 19930709  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 852,852  
 ; FILING DATE: March 16, 1992

; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Rebecca Ralph Gaumond  
 ; REGISTRATION NUMBER: 35,152  
 ; REFERENCE/DOCKET NUMBER: ISIS-1154  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 568-3100  
 ; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 62:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; ANTI-SENSE: yes  
 US-08-089-996-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
 | ||||| ||||| |||||  
 Db 2 AGGCTGATGCTGGGAAG 18

## RESULT 345

US-08-465-368-8/c  
 ; Sequence 8, Application US/08465368  
 ; Patent No. 5726297

; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; APPLICANT: Schultz, Ronald G.  
 ; APPLICANT: Chen, Jer-Kang  
 ; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
 ; TITLE OF INVENTION: N3/P5'PHOSPHORAMIDATES: USES AND  
 ; TITLE OF INVENTION: COMPOSITIONS THEREOF  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/210,505
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
IS-08-465-368-8

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1 ZIP: 94306-0850
2 COMPUTER READABLE FORM:
3 MEDIUM TYPE: Floppy disk
4 COMPUTER: IBM PC compatible
5 OPERATING SYSTEM: PC-DOS/MS-DOS
6 SOFTWARE: PatentIn Release #1.0, Version #1.25
7 CURRENT APPLICATION DATA:
8 APPLICATION NUMBER: US/08/477,306
9 FILING DATE: 06-JUN-1995
10 CLASSIFICATION: 514
11 PRIOR APPLICATION DATA:
12 APPLICATION NUMBER: 08/214,599
13 FILING DATE: 18-MAR-1994
14 ATTORNEY/AGENT INFORMATION:
15 NAME: Fabian, Gary R.
16 REGISTRATION NUMBER: 33,875
17 REFERENCE/DOCKET NUMBER: 5525-0012
18 TELECOMMUNICATION INFORMATION:
19 TELEPHONE: (415) 324-0880
20 TELEFAX: (415) 324-0960
21 INFORMATION FOR SEQ ID NO: 8:
22 SEQUENCE CHARACTERISTICS:
23 LENGTH: 20 base pairs
24 TYPE: nucleic acid
25 STRANDEDNESS: both
26 TOPOLOGY: linear
27 MOLECULE TYPE: DNA
28 HYPOTHETICAL: NO
29 ANTI-SENSE: NO
30 ORIGINAL SOURCE:
31 INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
32 FEATURE:
33 NAME/KEY: misc_feature
34 LOCATION: 1..2_
35 OTHER INFORMATION: /note= "where the intersubunit bond
36 OTHER INFORMATION: is "rp"
37 FEATURE:
38 NAME/KEY: misc_feature
39 LOCATION: 3..4_
40 OTHER INFORMATION: /note= "where the intersubunit bond
41 OTHER INFORMATION: is "rp"
42 FEATURE:
43 NAME/KEY: misc_feature
44 LOCATION: 5..6
45 OTHER INFORMATION: /note= "where the intersubunit bond
46 OTHER INFORMATION: is "rp"
47 FEATURE:
48 NAME/KEY: misc_feature
49 LOCATION: 7..8
50 OTHER INFORMATION: /note= "where the intersubunit bond
51 OTHER INFORMATION: is "rp"
52 US-08-477-306-8
53
54 Query Match 0.7%; Score 13.8; DB 1; Length 20;
55 Best Local Similarity 88.2%; Pred No. 4.1e+02;
56 Matches 15; Conservative 0; Mismatches 2; Indels 0
57
58 QY 1601 TTTATATAAAATTAT 1617
59 ||| ||| ||| ||| |||
60 Db 20 TATATATAAAATATAT 4
61
62 RESULT 347
63 US-08-531-927B-14
64 ; Sequence 14, Application US/08531927B
65 ; Patent No. 5840491
66 ; GENERAL INFORMATION:
67 ; APPLICANT: Kakizuka, Akira
68 ; TITLE OF INVENTION: DNA Sequence Encoding the Machado-Joseph
69 ; Patent No. 5840491
70 ; TITLE OF INVENTION: Disease Gene and Uses Thereof
71 ; NUMBER OF SEQUENCES: 23
72 ; CORRESPONDENCE ADDRESS:

```

RESULT 348  
US-08-173-489C-17  
Sequence 17, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESS: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44MB storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:

NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
DESCRIPTION: n-myc gene (Accession # Y00564)  
DESCRIPTION: nucleotides 2407 to 2426  
HYPOTHETICAL: No  
ANTI-SENSE: No  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
PUBLICATION INFORMATION:  
AUTHORS: Ibson, J M, Rabbitts, P H.  
TITLE: Sequence of a germ-line N-myc  
Patent No. 5861244  
TITLE: Gene and amplification as a mechanism of  
TITLE: activation  
JOURNAL: Oncogene  
VOLUME: 2  
PAGES: 399-402  
DATE: 1988  
RELEVANT RESIDUES IN SEQ ID NO: 17 :FROM 1 TO 20  
US-08-173-489C-17

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels

QY 1336 GAGGAGGGAGAGGGGGG 1352  
||||| |||||||||  
Db 2 GAGGAAGAAGAGGGGGG 18

RESULT 349  
US-08-650-598-10/c  
Sequence 10, Application US/08650598  
Patent No. 5877020  
GENERAL INFORMATION:  
APPLICANT: Alicalo, Kari  
TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/650,598  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/310,717  
FILING DATE: 22-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28113/33245  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-478-178A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1849 TAGAGGGGTGGCTGGG 1865  
17 TAGGAGGGTGGCAGG 1

## RESULT 350

US-08-478-178A-50  
Sequence 50, Application US/08478178A  
Patent No. 5882927

GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Kinase C  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5882927ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,178A  
FILING DATE: herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes

US-08-478-178A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

946 ATGCTGATGCTGGGAGG 962  
1 AGGCTGATGCTGGGAG 17

## RESULT 351

US-08-478-178A-62  
Sequence 62, Application US/08478178A  
Patent No. 5882927

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Kinase C  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5882927ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/478,178A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-478-178A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

946 ATGCTGATGCTGGGAGG 962

2 AGGCTGATGCTGGGAG 18

## RESULT 352

US-08-488-177-50

Sequence 50, Application US/08488177

Patent No. 5885970

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Kinase C  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5885970ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,177  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1995  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-488-177-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 353  
US-08-488-177-62  
Sequence 62, Application US/08488177  
Patent No. 5885970  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5885970ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,177  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1995  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-488-177-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 354  
US-08-481-072A-50  
Sequence 50, Application US/08481072A  
Patent No. 5916807  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5916807ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481,072A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-481-072A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 355

JS-08-481-072A-62  
; Sequence 62, Application US/08481072A  
; Patent No. 5916807  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett  
; TITLE OF INVENTION: Oligonucleotide Modulation of  
; Kinase C  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5916807ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/481,072A  
; FILING DATE: herewith  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 852,852  
; FILING DATE: March 16, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rebecca Ralph Gaumond  
; REGISTRATION NUMBER: 35,152  
; REFERENCE/DOCKET NUMBER: ISIS-1154  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 62:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
; US-08-481-072A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 356  
US-08-664-336-50  
; Sequence 50, Application US/08664336  
; Patent No. 5922686  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5922686ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/664,336  
; FILING DATE: herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 852,852  
; FILING DATE: March 16, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 089,996  
; FILING DATE: July 9, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-2345  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
; US-08-664-336-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 357  
US-08-664-336-62  
; Sequence 62, Application US/08664336  
; Patent No. 5922686  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5922686ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/664,336  
; FILING DATE: herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 852,852  
; FILING DATE: March 16, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 089,996  
; FILING DATE: July 9, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-2345  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-664-336-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | |  
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 358  
US-08-481-066A-50  
Sequence 50, Application US/08481066A  
Patent No. 5959096  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5959096ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481.066A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-481-066A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | |  
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 359  
US-08-481-066A-62  
Sequence 62, Application US/08481066A  
Patent No. 5959096  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5959096ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481.066A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-481-066A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
| | | | | | | | | | | | | | | | | | | |  
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 360  
US-08-700-448-8/c  
Sequence 8, Application US/08700448  
Patent No. 5965720  
GENERAL INFORMATION:  
APPLICANT: Gvaznov, Sergei et al.  
TITLE OF INVENTION: Oligonucleotide N3'-P5'  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk





TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-578-615A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

RESULT 363
US-08-578-615A-62
; Sequence 62, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA

```

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 2 AGGCTGATGCTGGGAAG 18

```

RESULT 364
US-09-344-001-11/c
; Sequence 11, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lext M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION
; FILE REFERENCE: RYS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleo
US-09-344-001-11

```

```

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best local Similarity 88.2%; Pred. No. 4.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      601  GGTACGGCGCTGGAAGA 617
          |||||
Db      17  GGTGGCGCGCGGAAGA 1

```

```

RESULT 365
US-09-120-853-14
; Sequence 14, Application US/09120853
; Patent No. 6057437
; GENERAL INFORMATION:
; APPLICANT: Kamiya, Kinya
; APPLICANT: Matsuda, Yoko
; APPLICANT: Uchida, Kiyoshi
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
; FILE REFERENCE: 07898/030001
; CURRENT APPLICATION NUMBER: US/09/120,853
; CURRENT FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: JP 213838/1997
; EARLIER FILING DATE: 1997-07-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificial
US-09-120-853-14

```

Query Match	0.7%	Score 13.8;	DB 1;	Length 20;
Best Local Similarity	88.3%;	Pred. No. 4.1e+02;		
Matches	15;	Conservative	0;	Mismatches 2;
			Indels	0;
Gaps	0;			
QY	1399	GAGGATGAAAAAGAGAA	1415	
Db	4	GAGGAGGAAGAGAGAA	20	

RESULT 366  
US-08-929-208-21/c  
; Sequence 21, Application US/08929208  
; Patent No. 6060244  
; GENERAL INFORMATION:  
; APPLICANT: Gudkov, Andrei  
; APPLICANT: Roninson, Igor B.

;; TITLE OF INVENTION: Genes And Genetic Elements Associated  
;; TITLE OF INVENTION: With Sensitivity To Chemotherapeutic Drugs  
;; NUMBER OF SEQUENCES: 22  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Allegretti & Witcoff, Ltd.  
;; STREET: 75 State Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: U.S.A.  
;; ZIP: 02109

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/929,208  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/480,552  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Keown, Wayne A.  
;; REGISTRATION NUMBER: 33,923  
;; REFERENCE/DOCKET NUMBER: 93,354  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617/345-9100  
;; TELEFAX: 617/345-9111

;; INFORMATION FOR SEQ ID NO: 21:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;; JS-08-929-208-21

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 GAGGCCATTTTCAAGCC 791  
Db 20 GAGCTCATTTTCAAGCC 4

RESULT 367  
US-09-253-691-1  
;; Sequence 1, Application US/09253691  
;; Patent No. 6124100  
;; GENERAL INFORMATION:  
;; APPLICANT: Dong Kyu JIN  
;; TITLE OF INVENTION: Diagnostic Method and Kit for Neuropsychiatric Diseases  
;; TITLE OF INVENTION: Using Trinucleotide Repeats Sequence  
;; FILE REFERENCE: 1942/36  
;; CURRENT APPLICATION NUMBER: US/09/253,691  
;; CURRENT FILING DATE: 1999-02-22  
;; EARLIER APPLICATION NUMBER: KR 98-6,278  
;; EARLIER FILING DATE: 1996-02-26  
;; NUMBER OF SEQ ID NOS: 3  
;; SOFTWARE: WordPerfect 6.1/Windows  
;; SEQ ID NO 1  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: human  
;; US-09-253-691-1

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1053 CAATGACTACTTTGAAT 1069  
Db 2 CAGTGACTACTTTGATT 18

RESULT 368  
US-09-287-796-112/c  
;; Sequence 112, Application US/09287796A  
;; Patent No. 6133246  
;; GENERAL INFORMATION:  
;; APPLICANT: McKay, Robert A.  
;; APPLICANT: Dean, Nicholas M.  
;; APPLICANT: Monia, Brett  
;; APPLICANT: Nero, Pam  
;; APPLICANT: Gaarde, William A.  
;; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
;; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS  
;; FILE REFERENCE: ISPH-0350  
;; CURRENT APPLICATION NUMBER: US/09/287,796A  
;; CURRENT FILING DATE: 1999-04-07  
;; EARLIER APPLICATION NUMBER: 09/130,616  
;; EARLIER FILING DATE: 1998-08-07  
;; EARLIER APPLICATION NUMBER: 08/910,629  
;; EARLIER FILING DATE: 1997-08-03  
;; NUMBER OF SEQ ID NOS: 165  
;; SEQ ID NO 112  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
;; US-09-287-796-112

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GCGGAGCCGCGGCGGG 19  
Db 17 GCGGAGCCGCGGAGCAGG 1

RESULT 369  
US-08-923-386A-8/c  
;; Sequence 8, Application US/08923386A  
;; Patent No. 6169170  
;; GENERAL INFORMATION:  
;; APPLICANT: Gryaznov, Sergei  
;; TITLE OF INVENTION: Oligonucleotide N3'-P5'  
;; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
;; TITLE OF INVENTION: Properties  
;; NUMBER OF SEQUENCES: 27  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Dehlinger & Associates  
;; STREET: P.O. Box 60850  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94306-0850  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/923,386A  
;; FILING DATE:  
;; CLASSIFICATION: 514  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Fabian, Gary R.  
;; REGISTRATION NUMBER: 33,875  
;; REFERENCE/DOCKET NUMBER: 5525-0012

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; US-08-923-386A-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1601 TTTATATAAAATTTAT 1617
; DB 20 TATATATAAAATATAT 4
;
; RESULT 370
; US-09-490-692-154/c
; Sequence 154, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RFS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-490-692-154
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1422 AGAGGAGAGAGAGAG 1438
; DB 19 AGAGGAGAGAGAGAG 3
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; US-08-923-386A-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1601 TTTATATAAAATTTAT 1617
; DB 20 TATATATAAAATATAT 4
;
; RESULT 370
; US-09-490-692-154/c
; Sequence 154, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RFS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-490-692-154
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1422 AGAGGAGAGAGAGAG 1438
; DB 19 AGAGGAGAGAGAGAG 3
;
; RESULT 371
; US-09-358-683-37/c
; Sequence 37, Application US/09358683
; Patent No. 6200807
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-2 EXPRESSION
; FILE REFERENCE: RFS-0082
; CURRENT APPLICATION NUMBER: US/09/358,683
; CURRENT FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-358-683-37
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 579 CATGTGACATTGATTC 595
; DB 19 CATGTGATTGATATTC 3
;
; RESULT 372
; US-09-130-616-112/c
; Sequence 112, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
;
; US-09-130-616-112
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 3 GCGGAGCCGCGGCGGG 19
; DB 17 GCGGAGCCGCGGAGG 1
;
; RESULT 373
; US-09-128-508-10/c
; Sequence 10, Application US/09128508
; Patent No. 6232463
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ramasamy, Kanda S
;
; US-09-128-508-10/c
; Sequence 10, Application US/09128508
; Patent No. 6232463
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ramasamy, Kanda S

```

## TITLE OF INVENTION: Substituted Purines and Oligonucleotide Cross-Linking

FILE REFERENCE: IS15152  
CURRENT APPLICATION NUMBER: US/09/128,508  
CURRENT FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: PCT/US91/00243  
PRIOR FILING DATE: 1991-01-11  
PRIOR APPLICATION NUMBER: 07/463,358  
PRIOR FILING DATE: 1990-01-11  
PRIOR APPLICATION NUMBER: 08/189,792  
PRIOR FILING DATE: 1994-02-01  
PRIOR APPLICATION NUMBER: 08/948,151  
PRIOR FILING DATE: 1997-10-09  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 10  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6232463el  
OTHER INFORMATION: Sequence  
US-09-128-508-10

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 GCGATGAGGACGAGAC 1260  
||||| ||||| ||||| |||||  
DB 19 GCGAAGAGGACGAGAC 3

## RESULT 374

US-09-038-637-85  
Sequence 85, Application US/09038637  
Patent No. 6235470  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
NUMBER OF SEQUENCES: 195  
CORRESPONDENCE ADDRESS:

ADDRESSER: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,637

FILING DATE: 10-MAR-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/579,233

FILING DATE: 28-DEC-1995

APPLICATION NUMBER: 08/152,313

FILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07265/146001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-5070

TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

## MOLECULE TYPE: Genomic DNA

US-09-038-637-85

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CAATGACTACTTTGAAT 1069  
||||| ||||| ||||| |||||  
DB 2 CAGTGACTACTTTGATT 18

## RESULT 375

US-09-487-445-145/c  
Sequence 145, Application US/09487445  
Patent No. 6258600  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
FILE REFERENCE: RTS-0107  
CURRENT APPLICATION NUMBER: US/09/487,445  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 145  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-445-145

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2035 TTTTGAGATACTATTTT 2051  
||||| ||||| ||||| |||||  
DB 19 TTTTGAGATAGTATCTT 3

## RESULT 376

US-08-943-731-542  
Sequence 542, Application US/08943731  
Patent No. 6265157  
GENERAL INFORMATION:  
APPLICANT: PROCKOP, DARWIN J.  
APPLICANT: SPOTILA, LORETTA D.  
APPLICANT: DELTAS, CONSTANTINOS D.  
APPLICANT: SEREDA, LARISA W.  
APPLICANT: LARSON, ANDREA W.  
APPLICANT: PACK, MICHAEL  
APPLICANT: COLIGE, ALAIN  
APPLICANT: EARLY, JAMES  
APPLICANT: KORKKO, JARMO  
APPLICANT: ALA-KOKKO, LEENA, et al.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING  
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES  
NUMBER OF SEQUENCES: 666  
CORRESPONDENCE ADDRESS:

ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.

STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND

CITY: FLR.

CITY: PHILADELPHIA

STATE: PA

COUNTRY: USA

ZIP: 19103-7086

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY PH.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 542:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-943-731-542

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1685 CTTCCAGGAGCCACCTT 1701
Db 1 CTTCCAGGAGCTGCCTT 17

RESULT 377
US-09-484-617-19
; Sequence 19, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-19

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1012 GCTGTGGCCCTGGATAC 1028
Db 1 GCTGTGGCCACGGATAC 17

RESULT 378
US-09-568-315-21/c
; Sequence 21, Application US/09568315
; Patent No. 6326488
; GENERAL INFORMATION:
; APPLICANT: Gudkov, Andrei
; APPLICANT: Roninson, Igor B.
; TITLE OF INVENTION: Genes And Genetic Elements Associated
; With Sensitivity To Chemotherapeutic Drugs
```

```
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/568,315
; FILING DATE: 09-May-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,552
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/929,208
; FILING DATE: 09-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Keown, Wayne A.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 93,354
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/345-9100
; TELEFAX: 617/345-9111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-568-315-21

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 GAGCCGATTTTCAAGCC 791
Db 20 GAGCTCATTTTCAAGCC 4

RESULT 379
US-08-829-637A-50
; Sequence 50, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE a1, a11, , x, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066xis
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
```



;  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-08-829-637A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962  
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 381

US-09-742-703-16/c  
; Sequence 16, Application US/09742703  
; Patent No. 6423543  
; GENERAL INFORMATION:  
; APPLICANT: Patrick Allen Marcotte  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION  
; FILE REFERENCE: RTS-0090  
; CURRENT APPLICATION NUMBER: US/09/742,703  
; CURRENT FILING DATE: 2000-12-20  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-742-703-16

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 64 ATGGCGCAGACGACGAGG 80  
Db 20 ATGGCGCAGACGAGGAGG 4

RESULT 382

US-09-702-327-63/c  
; Sequence 63, Application US/09702327  
; Patent No. 6426220  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
; FILE REFERENCE: RTS-0097  
; CURRENT APPLICATION NUMBER: US/09/702,327  
; CURRENT FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-63

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1246 GATGAGGACGAGGAGCA 1262  
Db 18 GATGAGGACAAAGATGA 2

RESULT 383

US-09-676-610B-120/c  
; Sequence 120, Application US/09676610B  
; Patent No. 6444465  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Preier  
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION  
; FILE REFERENCE: RTS-0138  
; CURRENT APPLICATION NUMBER: US/09/676,610B  
; CURRENT FILING DATE: 2000-09-29  
; NUMBER OF SEQ ID NOS: 182  
; SEQ ID NO 120  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-676-610B-120

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 113 GGGATGTTGGAAATTAC 129  
Db 18 GGGAAATTGGAAATTAC 2

RESULT 384

US-09-780-173A-85/c  
; Sequence 85, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Preier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 85  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-85

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1527 CTCTGCTTCTCTGCTGA 1543  
Db 17 CTTGGCTTCTCTGTGA 1

RESULT 385

US-09-254-322-50  
; Sequence 50, Application US/09254322  
; Patent No. 6465439  
; GENERAL INFORMATION:  
; APPLICANT: Nicklin, Paul  
; APPLICANT: Phillips, Judith  
; APPLICANT: Love, William  
; APPLICANT: Hamilton, Karen  
; TITLE OF INVENTION: Pharmaceutical Compositions  
; FILE REFERENCE: 4-21026/WA 2138/PCT  
; CURRENT APPLICATION NUMBER: US/09/254,322  
; CURRENT FILING DATE: 1999-03-04  
; EARLIER APPLICATION NUMBER: PCT/EP97/04796

EARLIER FILING DATE: 1997-09-03  
NUMBER OF SEQ ID NOS: 53  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 50  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-254-322-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 1 AGGCTGATGCTGGGAGG 17

RESULT 386  
US-09-422-978-7724  
Sequence 7724, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Iliya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7724  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..20  
OTHER INFORMATION: upstream amplification primer 99-19273 for SEQ 3790,  
US-09-422-978-7724

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1978 TGCCCTCTCTCTCTT 1994  
Db 1 TGCCCTCTCTCTGT 17

RESULT 387  
US-10-025-139-50  
Sequence 50, Application US/10025139  
Patent No. 6537973  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Dean, Nicholas M.  
APPLICANT: Holmlund, Jon T.

APPLICANT: Dorr, F. Andrew  
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C  
FILE REFERENCE: ISIS4954  
CURRENT APPLICATION NUMBER: US/10/025,139  
CURRENT FILING DATE: 2001-12-18  
PRIOR APPLICATION NUMBER: US 08/829,637

PRIOR FILING DATE: 1997-03-31  
PRIOR APPLICATION NUMBER: US 08/478,178  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: US 08/089,996  
PRIOR FILING DATE: 1993-07-09  
PRIOR APPLICATION NUMBER: US 07/852,852  
PRIOR FILING DATE: 1992-03-16  
NUMBER OF SEQ ID NOS: 121  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 50  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-025-139-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 1 AGGCTGATGCTGGGAGG 17

RESULT 388  
US-10-025-139-62  
Sequence 62, Application US/10025139  
Patent No. 6537973  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Dean, Nicholas M.  
APPLICANT: Holmlund, Jon T.  
APPLICANT: Dorr, F. Andrew  
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C  
FILE REFERENCE: ISIS4954  
CURRENT APPLICATION NUMBER: US/10/025,139  
CURRENT FILING DATE: 2001-12-18  
PRIOR APPLICATION NUMBER: US 08/829,637  
PRIOR FILING DATE: 1997-03-31  
PRIOR APPLICATION NUMBER: US 08/478,178  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: US 08/089,996  
PRIOR FILING DATE: 1993-07-09  
PRIOR APPLICATION NUMBER: US 07/852,852  
PRIOR FILING DATE: 1992-03-16  
NUMBER OF SEQ ID NOS: 121  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-025-139-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 2 AGGCTGATGCTGGGAGG 18

RESULT 389  
US-09-198-452A-1948  
Sequence 1948, Application US/09198452A  
Patent No. 6552994  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen



```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1948

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1955 CAAGTGAGCCAGAAAC 1971
Db 4 CACGTGATCCAGAAAC 20

RESULT 390
US-09-198-452A-3817
; Sequence 3817, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3817
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3817

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 TCTGGGATCGGTTAGG 878
Db 4 TCTGGGATCCCTTAGG 20

RESULT 391
US-09-198-452A-3917/c
; Sequence 3917, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3917
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3917

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1481 AAGGGGTCAAGGAGGAG 1497
```

```
Db 17 AAGAGCTCAAGGAGGAG 1

RESULT 392
US-09-198-452A-4382/c
; Sequence 4382, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4382
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4382

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 432 ACTTAATAAGCAGCAGA 448
Db 17 ACTTGATAAGCAGGAGA 1

RESULT 393
US-09-198-452A-5538/c
; Sequence 5538, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5538
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5538

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 321 GTACAGCAAGCAGATGC 337
Db 17 GTAGAGCAAGGAGATGC 1

RESULT 394
US-09-198-452A-6831
; Sequence 6831, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
```

SEQ ID NO 6831

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

JS-09-198-452A-6831

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1697 ACCTGCCACCACTCT 1713

DB 3 ACCTGCCAACCACTCT 19

RESULT 395

JS-09-944-036-61

Sequence 61, Application US/09944036

Patent No. 6582920

GENERAL INFORMATION:

APPLICANT: YANG, Yeasing Y.

APPLICANT: BRENTANO, Steven T.

APPLICANT: BABOLA, Odile

APPLICANT: TRAN, Nathalie

APPLICANT: VERNET, Guy

TITLE OF INVENTION: AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF

TITLE OF INVENTION: SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS

FILE REFERENCE: GP114-02.UT

CURRENT APPLICATION NUMBER: US/09/944,036

CURRENT FILING DATE: 2001-08-31

PRIOR APPLICATION NUMBER: US 60/229,790

PRIOR FILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 61

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Oligonucleotide primer for protease target

OTHER INFORMATION: sequence

US-09-944-036-61

Query Match

Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 140 AAGGCACCAATGAAG 156

DB 2 AAGGCACCAATGAAG 18

RESULT 396

JS-09-081-385-100/c

Sequence 100, Application US/09081385

Patent No. 6593456

GENERAL INFORMATION:

APPLICANT: Gatanaga, T.

APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factors Altering Tumor Necrosis

TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods

TITLE OF INVENTION: of Use Thereof

NUMBER OF SEQUENCES: 154

CORRESPONDENCE ADDRESS:

ADDRESSER: MORRISON &amp; FORRESTER

STREET: 755 PAGE MILL ROAD

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/081,385

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/964,747

FILING DATE: 05-NOV-1997

APPLICATION NUMBER: 60/030,761

FILING DATE: 06-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Wu, Frank

REGISTRATION NUMBER: 41,386

REFERENCE/DOCKET NUMBER: 22000-20577.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-813-5600

TELEFAX: 650-494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 100:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-081-385-100

Query Match

Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 ACTGCTGTTCTGTGCGC 419

DB 19 ACTGCTGTTATGAGGC 3

RESULT 397

US-09-972-115A-51

Sequence 51, Application US/09972115A

Patent No. 6599728

GENERAL INFORMATION:

APPLICANT: Geron Corporation

APPLICANT: Gregg, Morin B.

APPLICANT: Walter, Funk D.

APPLICANT: Mieczyslaw, Piatyszek A.

TITLE OF INVENTION: A Second Mammalian Telomerase

FILE REFERENCE: 080/003C

CURRENT APPLICATION NUMBER: US/09/972,115A

CURRENT FILING DATE: 2001-10-05

PRIOR APPLICATION NUMBER: US 60/128,577

PRIOR FILING DATE: 2000-04-10

PRIOR APPLICATION NUMBER: US 60/129,123

PRIOR FILING DATE: 1999-04-13

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PatentIn version 3.1

SEQ ID NO 51

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-972-115A-51

Query Match

Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 471 TGGGGGCTGCGACCATG 487

DB 1 TTGGGGTCTGCGACCATG 17

```
RESULT 398
US-09-860-761-2
; Sequence 2, Application US/09860761
; Patent No. 6627402
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Fligg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; TELEX: No. 662740ze
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-860-761-2

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 CCCAGAGGAGGAGGAAG 1435
Db 4 CCAAGAGGAGGAGGAATG 20

RESULT 399
US-09-665-615B-174
; Sequence 174, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-174

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2065 CTCTTTGTATATAAATG 2081
Db 4 CTCTATGAATATAAATG 20

RESULT 400
PCT-US93-02213-50
; Sequence 50, Application PC/TUS9302213
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; TITLE OF INVENTION: Kinase C
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02213
; FILING DATE: 19930225
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0872
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US93-02213-50

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGAGG 962
Db 1 AGGCTGATGCTGGAG 17

RESULT 401
PCT-US93-09166-11/c
; Sequence 11, Application PC/TUS9309166
; GENERAL INFORMATION:
; APPLICANT: Pastan, Ira H.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO PROSTATE CELLS
```

NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESS: Townsend and Townsend  
STREET: One Market Plaza, Steuart Street Tower  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94105-1492  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/09166  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 15280-77  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 467-9600  
TELEFAX: (415) 543-5043  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
PCT-US93-09166-11

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1097 TCAGTCCTTCCCAATATG 1113  
Db 17 TCAGTCCTTCCCAATG 1

RESULT 402  
PCT-US94-07770-50  
Sequence 50, Application PC/TUS9407770  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett and  
APPLICANT: Russell T. Boggs  
TITLE OF INVENTION: Oligonucleotide Modulation of  
NUMBER OF SEQUENCES: 119  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/07770  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
APPLICATION NUMBER: 08/089,996  
FILING DATE: July 9, 1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: February 22, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1546  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid

FILING DATE: July 9, 1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: February 22, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1546  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
PCT-US94-07770-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 4.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962  
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 403  
PCT-US94-07770-62  
Sequence 62, Application PC/TUS9407770  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett and  
APPLICANT: Russell T. Boggs  
TITLE OF INVENTION: Oligonucleotide Modulation of  
NUMBER OF SEQUENCES: 119  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/07770  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
APPLICATION NUMBER: 08/089,996  
FILING DATE: July 9, 1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: February 22, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1546  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid

Kinase C

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-07770-62

```

```

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 946 ATGCTGATGCTGGGAGG 962
Db 2 AGGCTGATGCTGGGAAG 18

```

```

RESULT 404
US-08-411-020-27/C
; Sequence 27, Application US/08411020
; Patent No. 5712094
; GENERAL INFORMATION:
; APPLICANT: SEIDEL, H. MARTI
; APPLICANT: LAMB, I. PETER
; APPLICANT: CHAN, SHIN-SHAY TIAN
; TITLE OF INVENTION: METHODS AND ASSOCIATED REAGENTS FOR
; DETECTING MODULATORS OF CYTOKINE ACTION
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ligand Pharmaceuticals Incorporated
; STREET: 9193 Towne Centre Drive
; CITY: San Diego
; STATE: California
; COUNTRY: US
; ZIP: 92121

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/411,020
; FILING DATE: 27-MAR-1995

```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jurgensen, Thomas E.
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0030. US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906

```

```

; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
US-08-411-020-27

```

```

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 674 ACTTCCCGAGGACTGGG 690
Db 20 ACTTCCCGAGGACAGAG 4

```

```

RESULT 405
US-08-197-790A-5/C
; Sequence 5, Application US/08197790A
; Patent No. 5718883
; GENERAL INFORMATION:

```

```

; APPLICANT: David M. Harlan
; APPLICANT: Carl H. June
; TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR
; AUTOIMMUNE DISEASES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/197,790A
; FILING DATE:
; CLASSIFICATION: 800

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```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/048,042
; FILING DATE: 04/14/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: REI-006CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-2700
; TELEFAX: (617) 227-5941
; TELEX:

```

```

; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-197-790A-5

```

```

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 789 GCGGTCATGTCCTCAAAG 805
Db 19 GCGGTCATGTCCTCAAAG 3

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```

RESULT 406
US-08-451-777A-14
; Sequence 14, Application US/08451777A
; Patent No. 5789223
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,777A

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;
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alissa M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-451-777A-14
;
; Query Match 0.7%; Score 13.8; DB 1; Length 21;
; Best Local Similarity 88.2%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1652 CCCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
;
; RESULT 407
; JS-08-410-779B-143/c
; Sequence 143, Application US/08410779B
; Patent No. 5814517
; GENERAL INFORMATION:
; APPLICANT: SEIDEL, H. MARTI
; APPLICANT: LAMB, I. PETER
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
; TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 166
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED
; STREET: 9393 TOWNE CENTRE DRIVE
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,779B
; FILING DATE: 27-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
;
;
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alissa M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-451-778A-14
;
; Query Match 0.7%; Score 13.8; DB 1; Length 21;
; Best Local Similarity 88.2%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1652 CCCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
;
; RESULT 409
; US-08-998-208-14
; Sequence 14, Application US/08998208
; Patent No. 5880105
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
;
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alissa M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-451-778A-14
;
; Query Match 0.7%; Score 13.8; DB 1; Length 21;
; Best Local Similarity 88.2%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1652 CCCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
;
; RESULT 409
; US-08-998-208-14
; Sequence 14, Application US/08998208
; Patent No. 5880105
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
;
```

```
;
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; DESCRIPTION: SYNTHETIC DNA"
; US-08-410-779B-143
;
; Query Match 0.7%; Score 13.8; DB 1; Length 21;
; Best Local Similarity 88.2%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 674 ACTTCCCGAGGAAGTGGG 690
Db 20 ACTTCCCGAGGAACAGAG 4
;
; RESULT 408
; US-08-451-778A-14
; Sequence 14, Application US/08451778A
; Patent No. 5830649
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,778A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alissa M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-451-778A-14
;
; Query Match 0.7%; Score 13.8; DB 1; Length 21;
; Best Local Similarity 88.2%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1652 CCCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
;
; RESULT 409
; US-08-998-208-14
; Sequence 14, Application US/08998208
; Patent No. 5880105
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
;
```

APPLICANT: Stambolian, Dwight  
TITLE OF INVENTION: Human Galactokinase Gene  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corp./Corporate  
ADDRESSEE: Intellectual Property  
STREET: 709 Swedeland Road/UW220  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: US/08/998,208  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/451,777  
FILING DATE: 26-MAY-1995  
APPLICATION NUMBER: PCT/US94/10825  
FILING DATE: 23-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Eagle, Alissa M.  
REGISTRATION NUMBER: 37,126  
REFERENCE/DOCKET NUMBER: F50268-1B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5364  
TELEFAX: 610-270-5090  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-998-208-14

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1652 CCCGAGCTCAGGCAG 1668  
||| |||||  
Db 1 CCCACAGCTCAGGCAG 17

RESULT 410  
US-08-594-452-61  
Sequence 61, Application US/08594452  
Patent No. 6013639  
GENERAL INFORMATION:  
APPLICANT: PEYMAN, Anuschirwan  
APPLICANT: UHLMANN, Eugen  
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/594,452

FILING DATE: 31-JAN-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 195 02 912.7  
FILING DATE: 31-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-594-452-61

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1854 GGGGTGGCTGGTCTTC 1870  
|||||  
Db 1 GGGGTGGCTGGTCTTC 17

RESULT 411  
US-09-258-408-61  
Sequence 61, Application US/09258408  
Patent No. 6121434  
GENERAL INFORMATION:  
APPLICANT: PEYMAN, Anuschirwan  
APPLICANT: UHLMANN, Eugen  
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/258,408  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/594,452  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-258-408-61

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1854 GGGTGGCTGGCTCTTC 1870  
|||||  
3b 1 GGGTGGCTGGCTCTTC 17

## RESULT 412

US-08-907-598-6/C  
; Sequence 6, Application US/08907598  
; Patent No. 6139833  
; GENERAL INFORMATION:  
; APPLICANT: Burgess, Rob  
; APPLICANT: Friedrich, Glenn  
; APPLICANT: Zambrowicz, Brian  
; APPLICANT: Sands, Arthur  
; TITLE OF INVENTION: TARGETED GENE DISCOVERY  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PENNIE & EDMONDS LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/907,598  
; FILING DATE:  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 8935-015-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 493-4935  
; TELEFAX: (650) 493-5556  
; TELEX: 66141  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: NO  
US-08-907-598-6

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1524 CAGCTCTGGCTTCCTGC 1540  
|||||  
3b 19 CAGCTCTGGCTTCCTGC 3

## RESULT 413

US-09-237-712-74  
; Sequence 74, Application US/09237712  
; Patent No. 6180391  
; GENERAL INFORMATION:  
; APPLICANT: BROWN, WILLIAM C.  
; TITLE OF INVENTION: HIGHLY EFFICIENT CONTROLLED EXPRESSION OF EXOGENOUS  
; FILE REFERENCE: A-518

; CURRENT APPLICATION NUMBER: US/09/237,712  
; CURRENT FILING DATE: 1999-01-26  
; EARLIER APPLICATION NUMBER: 60/072,794  
; EARLIER FILING DATE: 1998-01-28  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 74  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: oligonucleotide  
US-09-237-712-74

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 373 GATGGCCCTGTTGAGTT 389  
|||||  
Db 2 GATGGCCCTTTCGTT 18

## RESULT 414

US-07-974-409C-373  
; Sequence 373, Application US/07974409C  
; Patent No. 6300058  
; GENERAL INFORMATION:  
; APPLICANT: Akitaya, Tatsuo  
; APPLICANT: Mitsuhashi, Masato  
; APPLICANT: Cooper, Allan  
; TITLE OF INVENTION: METHOD AND REAGENT  
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA  
; NUMBER OF SEQUENCES: 457  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson, and Bear  
; STREET: 620 Newport Center Dr. Sixteenth Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/974,409C  
; FILING DATE: 12-NOV-1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Altman, Daniel E.  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: HITACHI.006CF2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; INFORMATION FOR SEQ ID NO: 373:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-974-409C-373

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 611 TGGAGAGGCTTCTAC 627  
|||||  
Db 5 TGGAGAGGCTTCTAC 21

## RESULT 415



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US-07-974-409C-374
; Sequence 374, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/974,409C
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 374:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-374
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 611 TGGAGAGGCGCTTCTAC 627
Db 4 TGGAAACAGCCCTTCTAC 20
```

```
RESULT 416
US-07-974-409C-375
; Sequence 375, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 375:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-375
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 611 TGGAGAGGCGCTTCTAC 627
Db 3 TGGAAACAGCCCTTCTAC 19
```

```
RESULT 417
US-07-974-409C-376
; Sequence 376, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-376
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Y 611 TGAAGAGCGCTTCTAC 627  
b 2 TGAACAGCGCTTCTAC 18

## RESULT 418

JS-07-974-409C-377  
; Sequence 377, Application US/07974409C  
; Patent No. 6300058  
; GENERAL INFORMATION:  
; APPLICANT: Akitaya, Tatsuo  
; APPLICANT: Mitsuhashi, Masato  
; APPLICANT: Cooper, Allan  
; TITLE OF INVENTION: METHOD AND REAGENT  
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA  
; NUMBER OF SEQUENCES: 457  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson, and Bear  
; STREET: 620 Newport Center Dr. Sixteenth Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/974,409C  
; FILING DATE: 12-NOV-1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Altman, Daniel E.  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; INFORMATION FOR SEQ ID NO: 377:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
JS-07-974-409C-377

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 611 TGAAGAGCGCTTCTAC 627  
b 1 TGAACAGCGCTTCTAC 17

## RESULT 419

US-09-593-012-180/c  
; Sequence 180, Application US/09593012  
; Patent No. 6387652  
; GENERAL INFORMATION:  
; APPLICANT: HAUGLAND, Richard  
; APPLICANT: VESPER, Stephen  
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA  
; FILE REFERENCE: HAUGLAND-1A  
; CURRENT APPLICATION NUMBER: US/09/593,012  
; CURRENT FILING DATE: 2000-06-13  
; PRIOR APPLICATION NUMBER: US 09/290,990  
; PRIOR FILING DATE: 1999-04-14  
; PRIOR APPLICATION NUMBER: US 60/081,773  
; PRIOR FILING DATE: 1998-04-15  
; NUMBER OF SEQ ID NOS: 225

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 180  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Scopulariopsis chartarum  
US-09-593-012-180

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 99 TTACTACTACGACGGG 115  
b 18 TTACTACTACGACGGG 2

## RESULT 420

US-09-301-978C-7  
; Sequence 7, Application US/09301978C  
; Patent No. 6392015  
; GENERAL INFORMATION:  
; APPLICANT: Panganiban, Antonito  
; APPLICANT: Callahan, Mark A.  
; TITLE OF INVENTION: Method of Identifying Modulators of HIV-1 VPU and GAG  
; TITLE OF INVENTION: Interaction with U Binding Protein (UBP)  
; FILE REFERENCE: 960296.95335  
; CURRENT APPLICATION NUMBER: US/09/301,978C  
; CURRENT FILING DATE: 1999-04-29  
; PRIOR APPLICATION NUMBER: 60/083,567  
; PRIOR FILING DATE: 1998-04-30  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide  
; OTHER INFORMATION: Primer  
US-09-301-978C-7

Query Match 0.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1446 AGAGGAGAAACCAAGG 1462  
b 5 AGATGAGAGACCAAGG 21

## RESULT 421

US-09-422-978-8357/c  
; Sequence 8357, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 8357  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo Sapiens

```
;
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-1494 for SEQ 492, in compleme
US-09-422-978-8357

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1667 AGCTGTCTGGTGAGC 1683
    ||||| |||||
Db 17 AGCTGTCAAGGTGAGC 1

RESULT 422
US-09-422-978-8709/c
; Sequence 8709, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8709
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17758 for SEQ 844, in compleme
US-09-422-978-8709

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 658 CATAAGTATGAGAGTA 674
    ||||| |||||
Db 18 CATAAGATGAAGATTA 2

RESULT 423
US-09-422-978-8865
; Sequence 8865, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8865
```

```
;
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-18777 for SEQ 1000, in comple
US-09-422-978-8865

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CTGTGAGGAAGATTCT 1324
    ||||| |||||
Db 1 CTGTGAAAAGAGTTCT 17

RESULT 424
PCT-US93-12600-25
; Sequence 25, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; APPLICANT: Dixon, Richard A.F.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L. 25,011
; REGISTRATION NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US93-12600-25

Query Match          0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1082 ATTTCAGCTCCACATC 1098
    ||||| |||||
Db 3 ACTTCCAGCTCCACATC 19

RESULT 425
```

```

PCT-US95-04477-143/C
; Sequence 143, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; DESCRIPTION: SYNTHETIC DNA"
PCT-US95-04477-143

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 674 ACTTCCCGAGGAACTGGG 690
|||||
Y 20 ACTTCCCGAGGAACTGGG 4

RESULT 426
PCT-US95-06743-14
; Sequence 14, Application PC/TUS9506743
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SmithKline Beecham Corp./Corporate
; ADDRESSER: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06743
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50268-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5024

```

```

; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06743-14

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1652 CCCGAGCTCAGGGCAG 1668
|||||
DB 1 CCCACAGCTCAGGGCAG 17

RESULT 427
US-08-650-598-10
; Sequence 10, Application US/08650598
; Patent No. 5877020
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,598
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/310,717
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28113/33245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-650-598-10

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1698 CCTTCCACCCATCTTCCC 1717
|||||
DB 1 CCTTCCACCCCTCTACCC 20

RESULT 428

```

```
US-07-964-151-13/c
; Sequence 13, Application US/07964151
; Patent No. 5449604
; GENERAL INFORMATION:
; APPLICANT: Schellenberg, G.D., Bird, T.D., and E.M. Wijsman
; TITLE OF INVENTION: CHROMOSOME 14 ALZHEIMER'S DISEASE GENETIC MARKERS AND ASSAYS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; STREET: 2800 Pacific First Center, 1420 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage
; COMPUTER: IBM PC/386 Compatible
; OPERATING SYSTEM: MS-DOS 4.01
; SOFTWARE: Word for Windows-t
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/964.151
; FILING DATE: October 21, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: none
; FILING DATE: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: UOFW-1-6588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-206-682-8100; 1-206-224-0709 (direct)
; TELEFAX: 1-206-224-0779
; TELEX: 4938023
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; DESCRIPTION: brain chromosome 14 primer EST00221
US-07-964-151-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1687 TCCAGGAGCCACCTTGGCAC 1706
Db 20 TACATGAGCCATCTTGGCAC 1

RESULT 429
US-08-243-542-18
; Sequence 18, Application US/08243542
; Patent No. 5552526
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: : EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; COMPUTER: IBM PC/XT/AT Compatible
```

```
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/243,542
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; APPLICATION NUMBER: JP 5-257455
; FILING DATE: 22 SEPTEMBER 1993
; APPLICATION NUMBER: JP 6-49904
; FILING DATE: 23 FEBRUARY 1994
; APPLICATION NUMBER: JP 6-73328
; FILING DATE: 12 APRIL 1994
; APPLICATION NUMBER: JP 6-84470
; FILING DATE: 22 APRIL 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Terryence F. Chapman
; REGISTRATION NUMBER: 32 549
; REFERENCE/DOCKET NUMBER: Furiya Case 1313
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (616) 381-1156
; TELEFAX: (616) 381-5465
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-243-542-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1004 ATGAGACAGCTGTGGCCCTG 1023
Db 1 ATGAGGCTGTGGCGGCTG 20

RESULT 430
US-08-477-407-18
; Sequence 18, Application US/08477407
; Patent No. 5631351
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: : EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; COMPUTER: IBM PC/XT/AT Compatible
```

APPLICATION NUMBER: JP 5-257455  
FILING DATE: 22 SEPTEMBER 1993  
APPLICATION NUMBER: JP 6-49904  
FILING DATE: 23 FEBRUARY 1994  
APPLICATION NUMBER: JP 6-73328  
FILING DATE: 12 APRIL 1994  
APPLICATION NUMBER: JP 6-84470  
FILING DATE: 22 APRIL 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Terryence F. Chapman  
REGISTRATION NUMBER: 32 549  
REFERENCE/DOCKET NUMBER: Furuya Case 1313  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (616) 381-1156  
TELEFAX: (616) 381-5465  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-08-477-407-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1004 ATGAGACAGCTGTGGCCCTG 1023  
DB 1 ATGAGGCTGCTCGGGCGCTG 20

RESULT 431  
US-08-320-604A-1  
Sequence 1, Application US/08320604A  
Patent No. 5658729  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael R.  
APPLICANT: Ma, Yuanhong  
APPLICANT: Lewis, Suzanne  
APPLICANT: Liu, Guoqing  
TITLE OF INVENTION: Method, Reagent and Kit for Evaluating  
TITLE OF INVENTION: Susceptibility to Premature Atherosclerosis and Other Forms of  
TITLE OF INVENTION: Coronary Artery Disease and Treatment of Same Using Gene Thera  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Opedahl & Larson  
STREET: 1992 Commerce Street Suite 309  
CITY: Yorktown  
STATE: NY  
COUNTRY: USA  
ZIP: 10598  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS DOS 5.0  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/320,604A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32038  
REFERENCE/DOCKET NUMBER: UBC P-001-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: no  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE: Primer for exon 6 of human LPL  
US-08-320-604A-1

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 336 GCAGAGATTCAACGTGTGTG 355  
DB 1 GCCGAGATACAATCTTGGTG 20

RESULT 432  
US-08-507-431-23  
Sequence 23, Application US/08507431  
Patent No. 5693518  
GENERAL INFORMATION:  
APPLICANT: Kofod, Lene V.  
APPLICANT: Kauppinen, Markus S.  
APPLICANT: Christgau, Stephan  
APPLICANT: Heldt-Hansen, Hans P.  
APPLICANT: Dalboge, Henrik  
APPLICANT: Andersen, Lene N.  
APPLICANT: Si, Joan Q.  
APPLICANT: Jacobson, Tina  
APPLICANT: Munk, Niels  
APPLICANT: Mullertz, Anette  
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 56935180 No. 5693518disk of No. 5693518th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/507,431  
FILING DATE: 15-FEB-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/002,800  
FILING DATE: 25-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Harrington, James J.  
REGISTRATION NUMBER: 38,711  
REFERENCE/DOCKET NUMBER: 3954.204-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-507-431-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;



SOFTWARE: WordPerfect 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,355  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/243,542  
FILING DATE: 13-MAY-1994  
APPLICATION NUMBER: JP 5-136602  
FILING DATE: 14 MAY 1993  
APPLICATION NUMBER: JP 5-257455  
FILING DATE: 22 SEPTEMBER 1993  
APPLICATION NUMBER: JP 6-49304  
FILING DATE: 23 FEBRUARY 1994  
APPLICATION NUMBER: JP 6-73328  
FILING DATE: 12 APRIL 1994  
APPLICATION NUMBER: JP 6-84470  
FILING DATE: 22 APRIL 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Terryence F. Chapman  
REGISTRATION NUMBER: 32 549  
REFERENCE/DOCKET NUMBER: Furuya Case 1313  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (616) 381-1156  
TELEFAX: (616) 381-5465  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
JS-08-484-355-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e-02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1004 ATGAGGCTGCTGCGCGCTG 1023  
1 ATGAGGCTGCTGCGCGCTG 20

RESULT 436  
US-08-040-548-50/c  
Sequence 50, Application US/08040548  
Patent No. 5763209  
GENERAL INFORMATION:  
APPLICANT: Sukhatme, Vikas P.  
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO THE  
TITLE OF INVENTION: FUNCTIONAL DOMAINS OF DNA BINDING PROTEINS  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: 321 No. 5763209th Clark Street, Suite 800  
CITY: Chicago  
STATE: Illinois  
COUNTRY: U.S.A.  
ZIP: 60610  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/040,548  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Coughlin, Daniel F.  
REGISTRATION NUMBER: 36,111  
REFERENCE/DOCKET NUMBER: arcd067  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 744-0090  
TELEFAX: (312) 245-4961  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-040-548-50

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e-02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

186 GCTGCTCAACTATGCTCTCT 205  
20 GCTGCCCAATAAGGCTCTGT 1

## RESULT 437

US-08-466-344-50/c  
Sequence 50, Application US/08466344  
Patent No. 5773583  
GENERAL INFORMATION:  
APPLICANT: Sukhatme, Vikas P.  
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO THE  
TITLE OF INVENTION: FUNCTIONAL DOMAINS OF DNA BINDING PROTEINS  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: 321 No. 5773583th Clark Street, Suite 800  
CITY: Chicago  
STATE: Illinois  
COUNTRY: U.S.A.  
ZIP: 60610  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,344  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/040,548  
FILING DATE: 31-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Coughlin, Daniel F.  
REGISTRATION NUMBER: 36,111  
REFERENCE/DOCKET NUMBER: arcd067  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 744-0090  
TELEFAX: (312) 245-4961  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-344-50

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e-02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

186 GCTGCTCAACTATGCTCTCT 205  
20 GCTGCCCAATAAGGCTCTGT 1



```
RESULT 438
US-08-577-858A-26
; Sequence 26, Application US/08577858A
; Patent No. 5834189
; GENERAL INFORMATION:
; APPLICANT: Stevens, John K.
; APPLICANT: Dunn, James M.
; APPLICANT: Leushner, James
; APPLICANT: Green, Ronald
; APPLICANT: Green, Ronald
; TITLE OF INVENTION: Method for Evaluation of Polymorphic
; TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
; TITLE OF INVENTION: Types
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,858A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-019-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for exon 6 of
; OTHER INFORMATION: lipoprotein lipase gene
US-08-577-858A-26

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 336 GCAGAGATTCAACGTTGGTG 355
Db 1 GCCGAGATACAACTTGGTG 20

RESULT 439
US-08-578-551-21/c
; Sequence 21, Application US/08578551
; Patent No. 5854050
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
```

```
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Dambmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 58540500 No. 5854050disk of No. 5854050th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,551
; FILING DATE: 01-FEB-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0811/93
; FILING DATE: 06-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/02044
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4006.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Aspergillus aculeatus
US-08-578-551-21

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 AAGCCAATGCTGAGGAGATG 255
Db 20 ACGACCATGATGAGGAGATG 1

RESULT 440
US-08-651-692-13/c
; Sequence 13, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
```

COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
FILING DATE: Herewith  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0144  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-651-692-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1090 CTCACATCAGTCCTCCAA 1109  
DB 20 CTCACAGCGCTCGTCCAA 1

RESULT 441  
US-08-276-567A-2  
Sequence 2, Application US/08276567A  
Patent No. 586699  
GENERAL INFORMATION:  
APPLICANT: Adrienne Smyth  
TITLE OF INVENTION: Oligonucleotides Having Anti-MDR-1 Gene Activity  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusner  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/276,567A  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-022  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-276-567A-2

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 TGAGCTCTTCCAGGAGCCAC 1698  
DB 1 TGTGCTCTTCCACAGCCAC 20

RESULT 442  
US-08-478-178A-14  
Sequence 14, Application US/08478178A  
Patent No. 5882927  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Kinase C  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,178A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-478-178A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGACAAAGACCCAGAGGAG 1428  
DB 1 AAGAGAGAGACCCCTGACAC 20

RESULT 443

```
US-08-902-655A-23
; Sequence 23, Application US/08902655A
; Patent No. 5885819
; GENERAL INFORMATION:
; APPLICANT: Kofoed, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5885819o No. 5885819th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/902.655A
; FILING DATE: 30-July-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Agriis, Cheryl T.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-902-655A-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1064 TTGAATACCTTTGGACACGAT 1083
Db 1 TTCAATACCTTTGGACACGCT 20

RESULT 444
US-08-488-177-14
; Sequence 14, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5885970ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
```

```
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1995
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-488-177-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCAGAGGAG 1428
Db 1 AAGAGAGAGACCCCTGAACAG 20

RESULT 445
US-08-481-072A-14
; Sequence 14, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
```

Kinase C

TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-481-072A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1409 AAGAGAAAGACCCAGAGGAG 1428  
|||||  
DB 1 AAGAGAGAGACCCCTGACAG 20

RESULT 446  
US-08-664-336-14  
Sequence 14, Application US/08664336  
Patent No. 5922686

GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/664,336  
FILING DATE: herewith  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 089,996  
FILING DATE: July 9, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-2345  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-664-336-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1409 AAGAGAAAGACCCAGAGGAG 1428  
|||||

DB 1 AAGAGAGAGACCCCTGACAG 20

RESULT 447

US-08-481-066A-14  
Sequence 14, Application US/08481066A  
Patent No. 5959096  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481,066A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-481-066A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1409 AAGAGAAAGACCCAGAGGAG 1428  
|||||  
DB 1 AAGAGAGAGACCCCTGACAG 20

RESULT 448

US-08-910-408-180/c  
Sequence 180, Application US/08910408  
Patent No. 5972704  
GENERAL INFORMATION:  
APPLICANT: Kenneth G. Draper  
APPLICANT: Bharat Chowrira  
APPLICANT: James McSwiggen  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James D. Thompson  
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING  
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS  
TITLE OF INVENTION: REPLICATION  
NUMBER OF SEQUENCES: 232  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon



GENERAL INFORMATION:  
APPLICANT: Tsui, Lap-Chee  
APPLICANT: Rommins, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and  
TITLE OF INVENTION: Mutations at Various Positions of the Gene  
FILE REFERENCE: 3477-61, 033477/139840  
CURRENT APPLICATION NUMBER: US/07/890,609C  
CURRENT FILING DATE: 1992-07-13  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-07-890-609-30

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 249 GGAGATGACCAAGTACCACA 268  
Db 20 GGAGATGCTCTATTACAAA 1

RESULT 452  
US-09-045-106-17/c  
Sequence 17, Application US/09045106  
Patent No. 6001651  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Thomas Condon,  
APPLICANT: Shin Flournoy, Jordan S. Pober, Weillie Ma  
TITLE OF INVENTION: ANTISENSE MODULATION OF LFA-3  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 EAST MAIN STREET  
CITY: MARLTON  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/045,106  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0301  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: No  
US-09-045-106-17

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 441 GCAGCAGCGGACATCGCTG 460  
Db 20 GCAGCAGCGCAGCACGCTG 1

RESULT 453  
US-08-578-615A-14  
Sequence 14, Application US/08578615A  
Patent No. 6015892  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs  
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC  
NUMBER OF SEQUENCES: 122  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/578,615A  
FILING DATE: 11-JAN-1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: 16-MAR-1992  
APPLICATION NUMBER: 08/089,996  
FILING DATE: 09-JUL-1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: 22-FEB-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1568  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-578-615A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCCAGAGGAG 1428  
Db 1 AAGAGAGAGACCTGAACAG 20

RESULT 454  
US-09-357-073-26/c  
Sequence 26, Application US/09357073  
Patent No. 6033910  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION  
FILE REFERENCE: RTS-0086  
CURRENT APPLICATION NUMBER: US/09/357,073

; CURRENT FILING DATE: 1999-07-19  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 26  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-357-073-26

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1627 ATATCCCGGAGGACAGAAAC 1646  
 Db 20 AATAGCCAGGACAGAAAC 1

RESULT 455  
 US-09-344-001-13/c  
 ; Sequence 13, Application US/09344001  
 ; Patent No. 6054440  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE EXPRESSION  
 ; FILE REFERENCE: RTS-0067  
 ; CURRENT APPLICATION NUMBER: US/09/344,001  
 ; CURRENT FILING DATE: 1999-06-24  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 13  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-344-001-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 602 GTGCGCGGTGGAAGAGGCC 621  
 Db 20 GTGCGCGGTGGAAGATGCC 1

RESULT 456  
 US-09-120-853-16  
 ; Sequence 16, Application US/09120853  
 ; Patent No. 6057437  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kamiya, Kinya  
 ; APPLICANT: Matsuda, Yoko  
 ; APPLICANT: Uchida, Kiyoshi  
 ; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND  
 ; FILE REFERENCE: 07898/030001  
 ; CURRENT APPLICATION NUMBER: US/09/120,853  
 ; CURRENT FILING DATE: 1998-07-21  
 ; EARLIER APPLICATION NUMBER: JP 213838/1997  
 ; EARLIER FILING DATE: 1997-07-25  
 ; NUMBER OF SEQ ID NOS: 21  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 16  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Artificial  
 ; OTHER INFORMATION: nucleic acid sequence  
 US-09-120-853-16

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1433 AAGAAGTCACCGAAGAGGAG 1452  
 Db 1 AAGAAGAGAGGAGGAGGAG 20

RESULT 457  
 US-09-106-217-9  
 ; Sequence 9, Application US/09106217  
 ; Patent No. 6063576  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Keating, Mark T.  
 ; APPLICANT: Olson, Timothy M.  
 ; TITLE OF INVENTION: Actin Mutations in Dilated  
 ; TITLE OF INVENTION: Cardiomyopathy, a Heritable Form of Heart Failure  
 ; NUMBER OF SEQUENCES: 18  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Rochwell, Figg, Ernst & Kurz, P.C.  
 ; STREET: 555 Thirteenth Street, N.W., Suite 701 East  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20004  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/106,217  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Saxe, Stephen A.  
 ; REGISTRATION NUMBER: 38,609  
 ; REFERENCE/DOCKET NUMBER: 2323-125  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-783-6040  
 ; TELEFAX: 202-783-6031  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "Primer"  
 ; HYPOTHEICAL: NO  
 ; ANTI-SENSE: NO  
 US-09-106-217-9

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 158 CTCACCGAATCCGCATGACT 177  
 Db 1 CTCACGAATCCGCCTACCT 20

RESULT 458  
 US-09-116-622-23  
 ; Sequence 23, Application US/09116622  
 ; Patent No. 6080567  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kofod, Lene V.  
 ; APPLICANT: Kauppinen, Markus S.  
 ; APPLICANT: Christgau, Stephan  
 ; APPLICANT: Heldt-Hansen, Hans P.

APPLICANT: Dalboge, Henrik  
APPLICANT: Andersen, Lene N.  
APPLICANT: Si, Joan Q.  
APPLICANT: Jacobson, Tina  
APPLICANT: Munk, Niels  
APPLICANT: Mullertz, Rnette  
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM  
TITLE OF INVENTION: ASPERGILLUS ACULEATUS  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6080567to No. 6080567disk of No. 6080567th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/116,622  
FILING DATE: 16-July-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Agris, Cheryl H.  
REGISTRATION NUMBER: 34,086  
REFERENCE/DOCKET NUMBER: 3954.224-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
US-09-116-622-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACTTTGGACAGACT 1083  
DB 1 TTCATACTTTGGCAGCT 20  
RESULT 459  
US-09-166-186-69  
Sequence 69, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 69  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-69

Query Match 0.7%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 845 GTGGCTCAGACTCCCTATCT 864  
DB 1 GTGTGCCAGACACCCTATCT 20  
RESULT 460  
US-09-166-186-153  
Sequence 153, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 153  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-153

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGTGGCTCAGACTCCCTATC 863  
DB 1 TGTGTGCCAGACACCCTATC 20

RESULT 461  
US-09-166-186-244/c  
Sequence 244, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 244  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-244

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 241 AATGCTGAGGAGATGACCAA 260  
DB 20 AATGCTGATTGCTGACCAA 1

RESULT 462  
US-08-532-896-48/c  
Sequence 48, Application US/08532896



```

; Patent No. 6124115
;
; GENERAL INFORMATION:
;
; APPLICANT: LUU-THE, Van
; APPLICANT: LABRIE, Fernand
;
; TITLE OF INVENTION: PRODUCTION AND USE OF ISOLATED TYPE 5
;
; TITLE OF INVENTION: 17B-HYDROXYSTEROID DEHYDROGENASE
;
; NUMBER OF SEQUENCES: 59
;
; CORRESPONDENCE ADDRESS:
;
; ADDRESSEE: Ostrolenk, Faber, Gerb & Soffen
;
; STREET: 1180 Avenue of the Americas
;
; CITY: New York
;
; STATE: NY
;
; COUNTRY: US
;
; ZIP: 10036-8403
;
; COMPUTER READABLE FORM:
;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
;
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
;
; APPLICATION NUMBER: US/08/532,896
;
; FILING DATE:
;
; CLASSIFICATION: 514
;
; ATTORNEY/AGENT INFORMATION:
;
; NAME: Meilman, Edward
;
; REGISTRATION NUMBER: 24,735
;
; REFERENCE/DOCKET NUMBER: P/1259-313
;
; TELECOMMUNICATION INFORMATION:
;
; TELEPHONE: (212) 382-0700
;
; TELEFAX: (212) 382-0888
;
; TELEX: 236925
;
; INFORMATION FOR SEQ ID NO: 48:
;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 20 base pairs
;
; TYPE: nucleic acid
;
; STRANDEDNESS: single
;
; TOPOLOGY: linear
;
; MOLECULE TYPE: DNA (genomic)
;
; HYPOTHEetical: NO
;
; ANTI-SENSE: YES
;
; US-08-532-896-48

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Query Match	0.7%	Score 13.6;	DB 1;
Best Local Similarity	80.0%;	Pred. No. 4.6e+02;	Length 20;
Matches 16;	Conservative	0;	Mismatches 4;
			Indels 0;
			Gaps 0;

Qy	2045	CTATTTCATTTTGTGAGC	2064
Db	20	CTCTTTTCAGTTTGCTAGC	1

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RESULT 463
US-09-280-799-44
; Sequence 44, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-280-799-44

```

```

Query Match      0.78;  Score 13.6;  DB 1;  Length 20;
Best Local Similarity 80.0%;  Pred.No. 4.6e+03;
Matches 16;  Conservative 0;  Mismatches 4;  Indels 0;  Gaps 0;

Qy      1321  TTCTCCGATTCTTGAAGAGGA  1340
Db      1    TCCTCAGAGTCTGGAGAGGA  20

```

```

RESULT 464
US-09-280-799-67
; Sequence 67, Application US/09280799
; Patent NO. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-280-799-67

```

Query Match	0.7%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 4.6e+02;		
Matches 16;	Conservative	0;	Mismatches 4;	Indels 0;
				Gaps 0;

Qy 1321 TTCTCCGATTC TGAAGAGGA 1340  
| | | | |  
Db 1 TCCTCAGAGTCTGGAGAGGA 20

```

RESULT 465
US-09-428-584-20/c
; Sequence 20, Application US/09428584
; Patent No. 6136604
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
; FILE REFERENCE: RTS-0114
; CURRENT APPLICATION NUMBER: US/09/428,584
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-20

```

Query Match	0.7%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 4.6e+02;		
Matches 16;	Conservative	0;	Mismatches 4;	Indels 0;
				Gaps 0;

Qy 1395 AACGAGGATGAAAAGAGA 1414  
Dy 20 AAAAGAAGAAGAAGAAGA 1

RESULT 466  
US-09-150-805-18/c

; Sequence 18, Application US/09150805  
; Patent No. 6140080  
; GENERAL INFORMATION:  
; APPLICANT: Bruce, Wesley  
; APPLICANT: Lu, Guihua  
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING  
; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: PIONEER HI-BRED INTERNATIONAL, INC.  
; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.  
; STREET: Box 1000  
; CITY: Johnston  
; STATE: Iowa  
; COUNTRY: USA  
; ZIP: 50131  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09150,805  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/996,069  
; FILING DATE: 22-DEC-1997  
; APPLICATION NUMBER: US 08/649,172  
; FILING DATE: 17-MAY-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Yates, Michael E.  
; REGISTRATION NUMBER: 36,063  
; REFERENCE/DOCKET NUMBER: 0465R  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (515) 248-4800  
; TELEFAX: (515) 248-4844  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; DESCRIPTION: /desc = "synthetic DNA"  
; US-09-150-805-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 CACAAGCCCAATGCTGAGGA 251  
Db 20 CACAAGCCCAATGCTGAGGA 1

RESULT 467  
US-08-765-340-25/c  
; Sequence 25, Application US/08765340  
; Patent No. 6150092  
; GENERAL INFORMATION:  
; APPLICANT: UCHIDA, K.,  
; APPLICANT: UCHIDA, T.,  
; APPLICANT: TANAKA, Y.,  
; APPLICANT: MATSUDA, Y.,  
; APPLICANT: KONDO, S.  
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
; TITLE OF INVENTION: COMPOUND  
; NUMBER OF SEQUENCES: 185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK

; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version  
; SOFTWARE: #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/765,340  
; FILING DATE: 23-DEC-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 145146/94  
; FILING DATE: 27-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 311130/94  
; FILING DATE: 21-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SERUNIAN, LESLIE  
; REGISTRATION NUMBER: 35,353  
; REFERENCE/DOCKET NUMBER: 1452-4005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
; US-08-765-340-25

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CACCATGCAAGAGTCCGA 500  
Db 20 CACCATGCAAGTGTCCCA 1

RESULT 468  
US-09-249-215-180/c  
; Sequence 180, Application US/09249215  
; Patent No. 6159692  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth G. Draper  
; APPLICANT: Bharat Chowrira  
; APPLICANT: James McSwiggen  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James D. Thompson  
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING  
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS  
; REPLICATION  
; NUMBER OF SEQUENCES: 232  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; SUITE: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/249,215

```
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 180:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 180:
US-09-249-215-180
Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 428 TGAACCTTAAATGACGACGAG 447
Db 20 TGAATAATGGATAAACGACGAG 1

RESULT 469
US-09-167-921-35/c
; Sequence 35, Application US/09167921A
; Patent No. 6172216
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QingQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISH-0324
; CURRENT APPLICATION NUMBER: US/09/167,921A
; CURRENT FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-921-35
Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1763 GATACCTTTTATGCACCATTA 1782
Db 20 GATACCTTTGTGGAACCTCTA 1

RESULT 470
US-09-490-692-69/c
; Sequence 69, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
```

```
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-69
Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1319 AGTTCTCCGATTCTGAAGAG 1338
Db 20 AGGCCACAGATTCGAAGAG 1

RESULT 471
US-08-927-219-71/c
; Sequence 71, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Nachisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
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```

; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-71

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1980 CCCTCTGCTGCTCTCTCTCT 1999
Db 20 CGCTCTGCCAGACTTCTCT 1

RESULT 472
US-09-517-584A-34/c
; Sequence 34, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-34

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 246 TGAGGAGATGACCAAGTACC 265
Db 20 TGAGGGGTGACCCAGACC 1

RESULT 473
US-09-408-257-21/c
; Sequence 21, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Darbmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6190905 of No. 6190905disk of No. 6190905th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/408,257

; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-71

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1980 CCCTCTGCTGCTCTCTCTCT 1999
Db 20 CGCTCTGCCAGACTTCTCT 1

RESULT 472
US-09-517-584A-34/c
; Sequence 34, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-34

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 246 TGAGGAGATGACCAAGTACC 265
Db 20 TGAGGGGTGACCCAGACC 1

RESULT 473
US-09-408-257-21/c
; Sequence 21, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Darbmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6190905 of No. 6190905disk of No. 6190905th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/408,257

; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,551
; FILING DATE: 01-FEB-1996
; APPLICATION NUMBER: DK 0811/93
; FILING DATE: 06-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/02044
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4006.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Aspergillus aculeatus
US-09-408-257-21

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 AAGCCAATGCTGAGGAGATG 255
Db 20 ACGACCATGATGAGGAGATG 1

RESULT 474
US-09-219-277-23
; Sequence 23, Application US/09219277
; Patent No. 6197564
; GENERAL INFORMATION:
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6197564 of No. 6197564disk of No. 6197564th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/219,277
; FILING DATE:
; CLASSIFICATION:
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/116,622
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Agtis, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-09-219-277-23

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACCTTTGGACACGAT 1083
Db 1 TTCAATACCTTTGGCACAGCT 20

RESULT 475
US-09-277-020-46/c
; Sequence 46, Application US/09277020
; Patent No. 6210892
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
; FILE REFERENCE: ISPH-0339
; CURRENT APPLICATION NUMBER: US/09/277,020
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 09/167,921
; EARLIER FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-277-020-46

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1763 GATACCTTTTATGCAACCATA 1782
Db 20 GATACCTTTTGTGGAACTCTA 1

RESULT 476
US-09-323-743-35/c
; Sequence 35, Application US/09323743
; Patent No. 6214986
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QingQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0368
; CURRENT APPLICATION NUMBER: US/09/323,743

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/277,020
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Agtis, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-09-219-277-23

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1763 GATACCTTTTATGCAACCATA 1782
Db 20 GATACCTTTTGTGGAACTCTA 1

RESULT 477
US-09-063-667-13/c
; Sequence 13, Application US/09063667C
; Patent No. 6225291
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: HAUSWIRTH, WILLIAM W.
; APPLICANT: DRENSER, KIMBERLY
; TITLE OF INVENTION: MATERIALS AND METHODS FOR RIBOZYME TREATMENT OF
; FILE REFERENCE: 4300.011500
; CURRENT APPLICATION NUMBER: US/09/063,667C
; CURRENT FILING DATE: 1998-04-21
; EARLIER APPLICATION NUMBER: 60/046,147
; EARLIER FILING DATE: 1997-05-09
; EARLIER APPLICATION NUMBER: 60/044,492
; EARLIER FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC
US-09-063-667-13

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 104 ACTACGACGGGGATGTGGA 123
Db 20 ACCACGCCCGTGTGTGGA 1

RESULT 478
US-09-599-661-23
; Sequence 23, Application US/09599661
; Patent No. 6228630
; GENERAL INFORMATION:
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan P.
; APPLICANT: Heidt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
```

APPLICANT: Jacobson, Tina  
APPLICANT: Munk, Niels  
APPLICANT: Mullertz, Anette  
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM  
TITLE OF INVENTION: ASPERGILLUS ACULEATUS  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6228630o No. 6228630disk of No. 6228630th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/599,661  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/116,622  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Agtis, Cheryl H.  
REGISTRATION NUMBER: 34,086  
REFERENCE/DOCKET NUMBER: 3954,224-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
JS-09-599-661-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACCTTTGGACACAGAT 1083  
DB 1 TTCATACCTTTGGCACAGCT 20

RESULT 479  
US-09-313-932-69  
; Sequence 69, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 69  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
JS-09-313-932-69

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 845 GTGGCTCAGACTCCCTATCT 864  
DB 1 GTGTGCCAGACACCTATCT 20

RESULT 480  
US-09-313-932-153  
; Sequence 153, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 153  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-153

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGTGCTCAGACTCCCTATC 863  
DB 1 TGTGTGCCAGACACCTATC 20

RESULT 481  
US-09-313-932-244/C  
; Sequence 244, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 244  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-244

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 241 AATGCTGAGGATGACCAA 260  
DB 20 AATGCTGATTTGGTGACCAA 1

```
RESULT 482
US-09-313-932-493/c
; Sequence 493, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 493
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-493

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      240 CAATGCTGAGGAGATGACCA 259
      |||||
Db      20 CAATGCTGATTGTGACCA 1

RESULT 483
US-08-996-069A-18/c
; Sequence 18, Application US/08996069A
; Patent No. 6228645
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley
; APPLICANT: Lu, Guihua
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
; CITY: Johnston
; STATE: Iowa
; COUNTRY: USA
; ZIP: 50131
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,069A
; FILING DATE: 22-DEC-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/649,172
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0465R
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-996-069A-18

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      232 CACAAAGCCAAATGCTGAGGA 251
      |||||
Db      20 CAACAAGCCAGTTCTGAGGA 1

RESULT 484
US-09-448-478-14
; Sequence 14, Application US/09448478
; Patent No. 6248534
; GENERAL INFORMATION:
; APPLICANT: KATO, Kikuya
; TITLE OF INVENTION: A method for detecting RNA
; FILE REFERENCE: P99-0116
; CURRENT APPLICATION NUMBER: US/09/448,478
; CURRENT FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-448-478-14

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      253 ATGACCAAGTACCACAGCGA 272
      |||||
Db      1 ATGACAAATTACCACATGGA 20

RESULT 485
US-09-021-701-149
; Sequence 149, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
```

NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-149

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 650 GTCTCTTTCATTAAGTATGGA 669  
|||||  
DB 1 GTCCATTATTCAGGATGGA 20

RESULT 486  
US-09-021-701-150  
; Sequence 150, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 150:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-150

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 651 GTCCTTTTCATTAAGTATGGA 670  
|||||  
DB 1 GTCCATTATTCAGGATGGA 20

RESULT 487  
US-09-021-701-592  
; Sequence 592, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 592:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-592

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1834 CCTTATTGAACATTCTTAGAA 1853  
|||||  
DB 1 CCTTATTGAACATTCTTAGAA 20

RESULT 488  
US-09-021-701-593  
; Sequence 593, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.



APPLICANT: Webb, Peter G.  
 APPLICANT: Kincaid, Robert H.  
 TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 TITLE OF INVENTION: probe sequences  
 NUMBER OF SEQUENCES: 1165  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 STREET: 3000 Hanover Street  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94304  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/021,701  
 FILING DATE: 10-FEB-1998  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Choi, Wendy A.  
 REGISTRATION NUMBER: 36,697  
 REFERENCE/DOCKET NUMBER: 10971464-1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 650-236-2386  
 TELEFAX: 650-852-8063  
 INFORMATION FOR SEQ ID NO: 593:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cdna  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 US-09-021-701-593

RESULT 489  
US-09-487-445-49  
; Sequence 49, Application US/09487445  
; Patent No. 6258600  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
; FILE REFERENCE: RTS-0107  
; CURRENT APPLICATION NUMBER: US/09/487.445  
; CURRENT FILING DATE: 2000-01-19  
; NUMBER OF SEQ ID NOS: 176

```

Db      1  TCCAGTTTGCATTGGAGAT 20
|||||  |||||  |||||  |||||
RESULT 490
US-09-487-368A-233/c
; Sequence 233, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-233

```

```

RESULT 491
US-09-593-711A-155
; Sequence 155, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-155

```

RESULT 492  
 US-09-225-749-14  
 ; Sequence 14, Application US/09225749  
 ; Patent No. 6300320  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: McKay, Robert, A.  
 ; TITLE OF INVENTION: Modulation of c-jun using inhibitors of protein kinase C  
 ; FILE REFERENCE: ISI83313  
 ; CURRENT APPLICATION NUMBER: US/09/225,749

CURRENT FILING DATE: 1999-01-05  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
JS-09-225-749-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAGACCCAGCAGG 1428  
DB 1 AAGAGAGACCTGAAACAG 20

RESULT 493  
JS-09-484-617-99/c  
; Sequence 99, Application US/09484617  
; Patent No. 630374  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION  
; FILE REFERENCE: RTS-0103  
; CURRENT APPLICATION NUMBER: US/09/484,617  
; CURRENT FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 176  
; SEQ ID NO 99  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-484-617-99

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 105 CTACGACGGGGATGTTGGAA 124  
DB 20 CTGCGGGGGGAGCTTGGAA 1

RESULT 494  
US-09-593-589-52/c  
; Sequence 52, Application US/09593589  
; Patent No. 6306655  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION  
; FILE REFERENCE: RTS-0119  
; CURRENT APPLICATION NUMBER: US/09/593,589  
; CURRENT FILING DATE: 2000-06-13  
; NUMBER OF SEQ ID NOS: 94  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-593-589-52

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1119 CCAGAACAGGAATGAGTACC 1138  
DB 20 CAAGAACAGCAACGAGTACC 1  
RESULT 495  
US-09-496-694B-183  
; Sequence 183, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 183  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-183

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 60 CAAGATGGCGCAGACGACGAG 79  
DB 1 CAAGACGACTCAACGACGAG 20

RESULT 496  
US-07-711-303-7/c  
; Sequence 7, Application US/07711303  
; Patent No. 6337182  
; GENERAL INFORMATION:  
; APPLICANT: Cerutti, Peter A.  
; APPLICANT: Felley-Bosco, Emanuela  
; APPLICANT: Sandy, Martha  
; APPLICANT: Amstad, Paul  
; APPLICANT: Zijlstra, Jacob  
; APPLICANT: Pourzand, Charareh  
; TITLE OF INVENTION: Method for the Quantitative  
; DETERMINATION OF DNA SEQUENCES  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W. Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/711,303  
; FILING DATE: 19910606  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 60 CAAGATGGCGCAGACGACGAG 79  
DB 1 CAAGACGACTCAACGACGAG 20

RESULT 496  
US-07-711-303-7/c  
; Sequence 7, Application US/07711303  
; Patent No. 6337182  
; GENERAL INFORMATION:  
; APPLICANT: Cerutti, Peter A.  
; APPLICANT: Felley-Bosco, Emanuela  
; APPLICANT: Sandy, Martha  
; APPLICANT: Amstad, Paul  
; APPLICANT: Zijlstra, Jacob  
; APPLICANT: Pourzand, Charareh  
; TITLE OF INVENTION: Method for the Quantitative  
; DETERMINATION OF DNA SEQUENCES  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W. Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/711,303  
; FILING DATE: 19910606  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-7

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1745 CCAGGTCGGTGAAGGGA 1764
Db 20 CGAGGTCGGATGAGGGGA 1

RESULT 497
US-08-829-637A-14
; Sequence 14, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE ai, all, , k, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,023
; FILING DATE: 05-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,007
; FILING DATE: 16-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,760
; FILING DATE: 15-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,852
; FILING DATE: 16-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/00243
```

FILING DATE: 11-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/566,977  
FILING DATE: 13-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,358  
FILING DATE: 11-JAN-1990  
ATTORNEY/AGENT INFORMATION:  
NAME:  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER: ISIS-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-829-637A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCAGGAGG 1428  
|||||  
DB 1 AAGAGAGAGACCTGACAG 20

RESULT 499  
US-09-659-791A-21  
Sequence 21, Application US/09659791A  
Patent No. 6383808  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Susan M. Preier  
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION  
FILE REFERENCE: RTS-0156  
CURRENT APPLICATION NUMBER: US/09/659,791A  
CURRENT FILING DATE: 2000-09-11  
NUMBER OF SEQ ID NOS: 90  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-659-791A-21

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2027 AGTTTCCTTTTGAGATACT 2046  
|||||  
DB 1 AATTTCTTTATTGAGCTACT 20

RESULT 500  
US-09-798-096-23/c  
Sequence 23, Application US/09798096  
Patent No. 6393378  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION  
FILE REFERENCE: RTS-0207  
CURRENT APPLICATION NUMBER: US/09/798,096  
CURRENT FILING DATE: 2001-03-01  
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 23  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-798-096-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 498 CGAGCATCTGCTTCTGTT 517  
|||||  
DB 20 CGAGGATTATGCTGCTGTT 1

RESULT 501  
US-09-657-452A-103/c  
Sequence 103, Application US/09657452A  
Patent No. 6426188  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION  
FILE REFERENCE: RTS-0125  
CURRENT APPLICATION NUMBER: US/09/657,452A  
CURRENT FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 178  
SEQ ID NO 103  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-452A-103

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1994 TCTCCTAATTCGCGAGTGG 2013  
|||||  
DB 20 TCTCCTACTCTGCGAGCCGG 1

RESULT 502  
US-09-702-327-56/c  
Sequence 56, Application US/09702327  
Patent No. 6426220  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
FILE REFERENCE: RTS-0097  
CURRENT APPLICATION NUMBER: US/09/702,327  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 56  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-56

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1232 CTGAGGAGGTGGCGATGAG 1251  
|||||  
DB 20 CTGAGGAGTTTGGCAACGAG 1

```
RESULT 503
US-09-780-175-51/c
; Sequence 51, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RFS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-51

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1658 GCTCAGGGCAGCTGTGCTGG 1677
Db 20 GCTCAGAGGAGGTGCTCTGG 1

RESULT 504
US-09-658-679A-25
; Sequence 25, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RFS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-25

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1632 CCCAGGGCAGAACCAAGG 1651
Db 1 CCCAGGGCCGAGCCCAAGG 20

RESULT 505
US-09-851-062-12/c
; Sequence 12, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RFS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
```

```
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-12

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 533 TCCTGGCCATCCTGGAACTG 552
Db 20 TCGTGGCCATATGGAACTG 1

RESULT 506
US-09-780-173A-95
; Sequence 95, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: RFS-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-95

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1336 GAGGAGGAGAGGGGGGCGC 1355
Db 1 GAGGAGGAGAGGGGGCGCGC 20

RESULT 507
US-09-920-672-65/c
; Sequence 65, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RFS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-65

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1659 CTCAGGGCAGCTGTGCTGG 1678
Db 1 CTCAGGGCAGCTGTGCTGG 1678
```

db 20 CTCAGGGAACCTGGCGTGTG 1

## RESULT 508

US-09-300-008B-17  
; Sequence 17, Application US/09300008B

; Patent No. 6458534

; GENERAL INFORMATION:

; APPLICANT: Concannon et al.

; TITLE OF INVENTION: A GENE ASSOCIATED WITH NIEMEN RYKKESEN BREAKAGE

; FILE REFERENCE: 9924-0003-228

; CURRENT APPLICATION NUMBER: US/09/300,008B

; CURRENT FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: US 60/083,269

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 17

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-300-008B-17

## Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 567 GAGGTGCTGTACATTGACA 586

|||||

db 1 GAGGTGCTTTATCTTGACA 20

## RESULT 509

US-09-254-322-14

; Sequence 14, Application US/09254322

; Patent No. 6465439

; GENERAL INFORMATION:

; APPLICANT: Nicklin, Paul

; APPLICANT: Phillips, Judith

; APPLICANT: Love, William

; APPLICANT: Hamilton, Karen

; TITLE OF INVENTION: Pharmaceutical Compositions

; FILE REFERENCE: 4-21026/MA 2138/PCT

; CURRENT APPLICATION NUMBER: US/09/254,322

; CURRENT FILING DATE: 1999-03-04

; EARLIER APPLICATION NUMBER: PCT/EP97/04796

; EARLIER FILING DATE: 1997-09-03

; NUMBER OF SEQ ID NOS: 53

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 14

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: oligonucleotide

US-09-254-322-14

## Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAACCCAGAGGAG 1428

|||||

db 1 AAGAGAGACCTTGACAG 20

## RESULT 510

US-09-659-845A-87

; Sequence 87, Application US/09659845A

; Patent No. 6492170  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION  
; FILE REFERENCE: RTS-0183  
; CURRENT APPLICATION NUMBER: US/09/659,845A  
; CURRENT FILING DATE: 2001-07-23  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 87  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-659-845A-87

## Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 153 GAAGCCTCACCGAATCCGCA 172

|||||

db 1 CGAGACTCACCAATCTGCA 20

## RESULT 511

US-09-659-845A-165

; Sequence 165, Application US/09659845A

; Patent No. 6492170

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A

; CURRENT FILING DATE: 2001-07-23

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 165

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-165

## Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCCACCTT 1701

|||||

db 1 GATGTACCAGGAGCCACTTT 20

## RESULT 512

US-09-629-644A-233/c

; Sequence 233, Application US/09629644A

; Patent No. 6492345

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Susan M. Freier

; APPLICANT: Brett P. Monia

; APPLICANT: Madeline M. Butler

; APPLICANT: Robert McKay

; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION

; FILE REFERENCE: ISPH-0478

; CURRENT APPLICATION NUMBER: US/09/629,644A

; CURRENT FILING DATE: 2000-07-31

; PRIOR APPLICATION NUMBER: US 09/487,368

; PRIOR FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 242

; SEQ ID NO 233  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-629-644A-233

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 238 GCCAATGCTGAGGAGATGAC 257  
||| ||||| ||||| |||||  
Db 20 GCACAGGCTGAGGAGATGGC 1

RESULT 513  
US-09-629-644A-233/c  
; Sequence 233, Application US/09629644A  
; Patent No. 6602857  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
; FILE REFERENCE: ISPH-0478  
; CURRENT APPLICATION NUMBER: US/09/629,644A  
; CURRENT FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 242  
; SEQ ID NO 233  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-629-644A-233

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 238 GCCAATGCTGAGGAGATGAC 257  
||| ||||| ||||| |||||  
Db 20 GCACAGGCTGAGGAGATGGC 1

RESULT 514  
US-09-898-361-57/c  
; Sequence 57, Application US/09898361  
; Patent No. 6503152  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
; FILE REFERENCE: RTS-0158  
; CURRENT APPLICATION NUMBER: US/09/898,361  
; CURRENT FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 163  
; SEQ ID NO 57  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-57

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1208 AGGCGATTCTTGAGGACGCC 1227  
||| ||||| ||||| |||||  
Db 20 AGAAGATTCTTGAGGACGGC 1

RESULT 515  
US-09-657-346A-31  
; Sequence 31, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-31

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 64 ATGGCGCAGCGCAGGGCAC 83  
||| ||||| ||||| |||||  
Db 1 ACGGAGCAGCGCATGGCAC 20

RESULT 516  
US-09-422-978-6513  
; Sequence 6513, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 6513  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-11966 for SEQ 2579,  
US-09-422-978-6513

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1088 AGCTCCACATCAGTCCTTCC 1107





```
RESULT 521
US-10-025-139-14
; Sequence 14, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-14

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCAGAGGAG 1428
Db 1 AAGAGAGAGACCTTGACAG 20

RESULT 522
US-09-614-614-28
; Sequence 28, Application US/09614614
; Patent No. 6544741
; GENERAL INFORMATION:
; APPLICANT: MUGASIMANGALAM, RAJA
; TITLE OF INVENTION: SEQUENCE SPECIFIC AND SEQUENCE NON-SPECIFIC METHODS AND MAT
; FILE REFERENCE: cDNA NORMALIZATION AND SUBTRACTION
; CURRENT APPLICATION NUMBER: 540579-2003
; CURRENT FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: killer primer
US-09-614-614-28

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 270 CGATGACTACTATAATCT 289
Db 1 CGATGACACATTTCAGTTAT 20
```

```
RESULT 523
US-09-380-836-48
; Sequence 48, Application US/09380836
; Patent No. 6551775
; GENERAL INFORMATION:
; APPLICANT: Lifton, Richard P.
; APPLICANT: Chang, Sue S.
; APPLICANT: Rossier, Bernard C.
; TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
; TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
; FILE REFERENCE: Pseudohypoaldosteronism Type-1
; CURRENT APPLICATION NUMBER: US/09/380,836
; CURRENT FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/040,171
; PRIOR FILING DATE: 1997-03-11
; PRIOR APPLICATION NUMBER: PCT/US98/04681
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A-12 reverse
; OTHER INFORMATION: PCR primer
US-09-380-836-48

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 630 CACGACCGGTCTCATGCTG 649
Db 1 CAGGACCCAGCGGACGACTG 20

RESULT 524
US-09-563-269-34/c
; Sequence 34, Application US/09563269
; Patent No. 6555655
; GENERAL INFORMATION:
; APPLICANT: RUPAR, MARK J.
; APPLICANT: DONOVAN, WILLIAM P.
; APPLICANT: CHU, CHIH-REI
; APPLICANT: PEASE, ELIZABETH
; APPLICANT: TAN, YUPING
; APPLICANT: SLANEY, ANNETTE C.
; APPLICANT: BAUM, JAMES A.
; APPLICANT: MALVAR, THOMAS M.
; TITLE OF INVENTION: COLEOPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT
; FILE REFERENCE: MECO164
; CURRENT APPLICATION NUMBER: US/09/563,269
; CURRENT FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-563-269-34

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 509 GCTTCTGTTACGTCAATGAT 528
Db 20 GCTTCTATTCGGCAATCAT 1
```

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6107

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 ACATTAAATCTTCGGCTCC 297
   ||| ||| ||| ||| ||| ||| |||
Db 20 ACAAGAACTCTTCGGCTGC 1

RESULT 528
US-09-482-520A-5/c
; Sequence 5, Application US/09482520A
; Patent No. 6563018
; GENERAL INFORMATION:
; APPLICANT: AIGAKI, Toshiro
; TITLE OF INVENTION: GENE SEARCH VECTOR AND GENE SEARCH METHOD
; FILE REFERENCE: 2000-0030*/LC/00653
; CURRENT APPLICATION NUMBER: US/09/482,520A
; CURRENT FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: JP 200888/1998
; PRIOR FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHESIZED
; OTHER INFORMATION: OLIGONUCLEOTIDE
US-09-482-520A-5

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1703 CCACCATCTCTCCGGTCT 1722
   ||| ||| ||| ||| ||| ||| |||
Db 20 CCGCAATCTTCAGTCT 1

RESULT 529
US-09-081-385-123/c
; Sequence 123, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/081,385
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 08/964,747  
; FILING DATE: 05-NOV-1997  
; APPLICATION NUMBER: 60/030,761  
; FILING DATE: 06-NOV-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wu, Frank  
; REGISTRATION NUMBER: 41,386  
; REFERENCE/DOCKET NUMBER: 22000-20577.21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-813-5600  
; TELEFAX: 650-494-0792  
; TELEX: 706141  
; INFORMATION FOR SEQ ID NO: 123:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-081-385-123

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAGAA 1469  
||||| ||||| ||||| ||||| |||||  
DB 20 GAGAAACCAAGGAGGCTGCA 1

RESULT 530  
US-09-780-045-129/c  
; Sequence 129, Application US/09780045  
; Patent No. 6602713  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT  
; FILE REFERENCE: RTS-0130  
; CURRENT APPLICATION NUMBER: US/09/780,045  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 135  
; SEQ ID NO 129  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-045-129

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1128 GAATGACTACTGAGAGA 1147  
||||| ||||| ||||| ||||| |||||  
DB 20 GTATGACTACTGAGAGA 1

RESULT 531  
US-09-723-368-16  
; Sequence 16, Application US/09723368  
; Patent No. 6641818  
; GENERAL INFORMATION:  
; APPLICANT: NORTHWESTERN UNIVERSITY  
; APPLICANT: SPEAR, Patricia G.  
; APPLICANT: WARNER, Morgyn S.  
; APPLICANT: GERAGHTY, Robert G.  
; APPLICANT: MARTINEZ, Wanda M.  
; APPLICANT: MONTGOMERY, Rebecca I.  
; APPLICANT: COHEN, Gary H.  
; APPLICANT: EISENBERG, Roselyn J.  
; APPLICANT: WHITBECK, Charles J.

; APPLICANT: KRUMMENACHER, Claude  
; APPLICANT: UNIVERSITY OF PENNSYLVANIA  
; TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY  
; FILE REFERENCE: 200290.0050/2U1  
; CURRENT APPLICATION NUMBER: US/09/723,368  
; CURRENT FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: U.S. 60/087,862  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: PCT/US99/12235  
; PRIOR FILING DATE: 1999-06-02  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer pvr07  
US-09-723-368-16

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1971 CACTGCTGCCCTCTGTCTG 1990  
||||| ||||| ||||| ||||| |||||  
DB 1 CACTTGTGCCCTCTGTCTG 20

RESULT 532  
US-09-665-615B-151  
; Sequence 151, Application US/09665615B  
; Patent No. 6653133  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Marcusson, Eric G.  
; APPLICANT: Wyatt, Jacqueline  
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling  
; FILE REFERENCE: ISPH-0502  
; CURRENT APPLICATION NUMBER: US/09/665,615B  
; CURRENT FILING DATE: 2000-09-18  
; PRIOR APPLICATION NUMBER: US 09/290,640  
; PRIOR FILING DATE: 1999-04-12  
; NUMBER OF SEQ ID NOS: 179  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 151  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-665-615B-151

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1828 AGTGCCCTTATTGAACATT 1847  
||||| ||||| ||||| ||||| |||||  
DB 1 ATGGGACATTATTGAACATT 20

RESULT 533  
PCT-US93-02213-14  
; Sequence 14, Application PC/TUS9302213  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
; TITLE OF INVENTION: Kinase C  
; NUMBER OF SEQUENCES: 54  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & Norris

STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/02213  
FILING DATE: 19930225  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0872  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
PCT-US93-02213-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

iy 1409 AAGAGAAAGACCCGAGGAG 1428  
||||| ||||| ||||| |||||  
ib 1 AAGAGAGAGACCCCTGACAG 20

RESULT 534  
PCT-US94-07770-14  
Sequence 14, Application PC/TUS9407770  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett and  
Boggs  
TITLE OF INVENTION: Oligonucleotide Modulation of  
Kinase C  
NUMBER OF SEQUENCES: 119  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/07770  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
APPLICATION NUMBER: 08/089,996

FILING DATE: July 9, 1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: February 22, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1546  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
PCT-US94-07770-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCGAGGAG 1428  
||||| ||||| ||||| |||||  
Db 1 AAGAGAGAGACCCCTGACAG 20

RESULT 535  
PCT-US95-09011-2  
Sequence 2, Application PC/TUS9509011  
GENERAL INFORMATION:  
APPLICANT: Hybridon, Inc.  
TITLE OF INVENTION: Oligonucleotides Having Anti-MDR-1  
GENE ACTIVITY  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/09011  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-022PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US95-09011-2

Query Match 0.7%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;



```

: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
: FILE REFERENCE: MBH00-884-C
: CURRENT APPLICATION NUMBER: US/09/479,005A
: CURRENT FILING DATE: 2000-01-07
: PRIOR APPLICATION NUMBER: US 09/444,209
: PRIOR FILING DATE: 1999-11-19
: PRIOR APPLICATION NUMBER: US 09/159,274
: PRIOR FILING DATE: 1998-09-22
: PRIOR APPLICATION NUMBER: US 60/059,473
: PRIOR FILING DATE: 1997-09-22
: NUMBER OF SEQ ID NOS: 1208
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 35
: TYPE: RNA
: ORGANISM: Homo sapiens
: JS-09-479-005A-35

Query Match          0.6%; Score 13.4; DB 1; Length 16;
Best Local Similarity 26.7%; Pred. No. 3.1e+02;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

yY 1589 TTCTCTGCTGTTT 1603
Db 2 UUUUUUUUUUUUU 16

RESULT 540
JS-09-479-005A-135/c
Sequence 135, Application US/09479005A
Patent No. 6856731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 135
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
JS-09-479-005A-135

Query Match          0.6%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

yY 274 GACTACATTAATTC 288
Db 16 GACTACATTAATTC 2

RESULT 541
JS-08-390-850-577
Sequence 577, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
```

```

: NUMBER OF SEQUENCES: 1151
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSEQ Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/390,850
: FILING DATE: February 17, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/354,920
: FILING DATE: December 13, 1994
: APPLICATION NUMBER: 08/152,487
: FILING DATE: No. 5612215ember 12, 1993
: APPLICATION NUMBER: 07/989,848
: FILING DATE: December 7, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 211/084
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 577:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-390-850-577

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 3.6e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 2044 ACTATTTTCATTTT 2058
Db 1 ACUGUUUCAUUUU 15

RESULT 542
US-08-390-850-597
Sequence 597, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 597:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-597

```

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Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy 1775 CAACCTAAGACAAA 1789
Db 2 CAACCAUAGAAAAA 16
|||||:|||||

```

```

RESULT 543
US-08-634-577
; Sequence 577, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

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; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-577

```

```

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 3.6e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

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Qy 2044 ACTATTTTCATTTT 2058
Db 1 ACUGUUUUCAUUUU 15
||:||||:|

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RESULT 544
US-08-435-634-597
; Sequence 597, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 597:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-597

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 3.6e+02;  
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1775 CAACCAUAGACAAA 1789  
DB 2 CAACCAUAGACAAA 16

RESULT 545  
US-08-584-040-2508/c  
Sequence 2508, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLES OF INVENTION: TREATMENT OF DISEASES OR  
TITLES OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLES OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLES OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2508:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-2508

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 351 TGGTGAGGACTGTCC 365  
DB 16 TGGAGAGGACTGTCC 2

RESULT 546  
US-09-371-772B-1032/c  
Sequence 1032, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLES OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBHB00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1032  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1032

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 351 TGGTGAGGACTGTCC 365  
DB 16 TGGAGAGGACTGTCC 2

RESULT 547  
US-09-371-772B-4644  
Sequence 4644, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLES OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBHB00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4644  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-4644



Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 3.6e+02;  
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1437 AGTCACCGAAGAGGA 1451  
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Db 3 AGUCACAGAAGAGGA 17

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RESULT 548
US-09-866-108A-970/c
; Sequence 970, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

```

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/ CURRENT APPLICATION NUMBER: US/09/866,108A
/
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 970
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-970

```

```
Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 466 TGGGCTGGGGGCGCTG 480  
Db 17 TGGGCTTGGGGCGCTG 3

RESULT 549  
US-09-866-108A-973/c  
; Sequence 973, Application US/09866108A  
; Patent No. 6696188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 973

```

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-973

```

Query Match	0.6%	Score 13.4;	DB 1;	Length 17;
Best Local Similarity	93.3%	Pred. No. 3.6e+02;		
Matches 14;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

Qy 465 TTGGGCTGGGGCCT 479  
pb 15 TTGGGCTGGGGCCT 1

RESULT 550  
US-09-866-108A-2209/c  
? Sequence 2209, Application US/09866108A  
? Patent No. 6686188  
? GENERAL INFORMATION:  
? APPLICANT: GU, Yizhong  
? APPLICANT: JI, Yonggang  
? APPLICANT: PENN, Sharron G.  
? APPLICANT: HANZEL, David K.  
? APPLICANT: RANK, David R.  
? APPLICANT: CHEN, Wensheng  
? APPLICANT: SHANNON, Mark

```

1  TITLE OF INVENTION: MYOXIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
2  FILE REFERENCE: AEMICA-7
3  CURRENT APPLICATION NUMBER: US/09/866,108A
4  CURRENT FILING DATE: 2001-05-25
5  PRIOR APPLICATION NUMBER: US 60/207,456
6  PRIOR FILING DATE: 2000-05-26
7  PRIOR APPLICATION NUMBER: GB 24263.6
8  PRIOR FILING DATE: 2000-10-04
9  PRIOR APPLICATION NUMBER: US 60/236,359
10 PRIOR FILING DATE: 2000-09-27
11 PRIOR APPLICATION NUMBER: PCT/US01/00666
12 PRIOR FILING DATE: 2001-01-30
13 PRIOR APPLICATION NUMBER: PCT/US01/00667
14 PRIOR FILING DATE: 2001-01-30

```

```
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2209
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2209

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1970 ACACTGCTGCCTC 1984
   |||||
Db 17 ACACTGCTGCATC 3

RESULT 551
US-09-866-108A-2210/c
; Sequence 2210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2211
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2211

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1970 ACACTGCTGCCTC 1984
   |||||
Db 15 ACACTGCTGCATC 1

RESULT 553
US-09-866-108A-2736
; Sequence 2736, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2736  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2736

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CAGCTGTGGCCCTGG 1024  
||||| ||||| ||||| ||||| |||||  
Db 3 CAGCTGAGGCCCTGG 17

RESULT 554  
US-09-866-108A-2737  
; Sequence 2737, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2736  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2736

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2737  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2737

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CAGCTGTGGCCCTGG 1024  
||||| ||||| ||||| ||||| |||||  
Db 2 CAGCTGAGGCCCTGG 16

RESULT 555  
US-09-866-108A-2738  
; Sequence 2738, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2738  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2738

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ORGANISM: Homo sapiens
US-09-866-108A-2738

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1010 CAGCTGTGGCCCTGG 1024
    ||||| |||||
b 1 CAGCTGAGGCCCTGG 15

RESULT 556
US-09-866-108A-6563
: Sequence 6563, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aeomica Sequence Listing Engine
: Patent No. 6686188
: SEQ ID NO 6563
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-866-108A-6564

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1013 CTGTGGCCCTGGATA 1027
    ||||| |||||
Db 1 CTCTGGCCCTGGATA 15

RESULT 558
US-09-866-108A-7085
: Sequence 7085, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30

ORGANISM: Homo sapiens
US-09-866-108A-6563

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1013 CTGTGGCCCTGGATA 1027
    ||||| |||||
b 2 CTCTGGCCCTGGATA 16

RESULT 557
US-09-866-108A-6564
: Sequence 6564, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7085

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 559
US-09-866-108A-7086
; Sequence 7086, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7086
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8669

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 561
US-09-866-108A-8670
; Sequence 8670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7086
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8669

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 561
US-09-866-108A-8670
; Sequence 8670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
REMAINING Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8670  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
JS-09-866-108A-8670

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1457 CCAAGGAGGAGGAGC 1471  
|||||  
b 1 CCAAGAGGAGGAGC 15

RESULT 562  
JS-08-317-431A-1/c  
Sequence 1, Application US/08317431A  
Patent No. 5650277  
GENERAL INFORMATION:  
APPLICANT: Nir Navot and Nurit Eyal  
TITLE OF INVENTION: A method of determining the presence and  
TITLE OF INVENTION: quantifying the number of di- and  
TITLE OF INVENTION: trinucleotide repeats and instrument and  
TITLE OF INVENTION: kits therefore  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein  
STREET: 2940 Birchtree space lane  
CITY: Silver Spring  
STATE: Maryland  
COUNTRY: United States of America  
ZIP: 20906  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Chicony NB5500/386SX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.1

SOFTWARE: Word for Windows version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/317,431A  
FILING DATE: 4-Oct-94  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/084,505  
FILING DATE: 1-Jul-93  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedman, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 128/8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-6938541  
TELEFAX: 972-3-6938542  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-317-431A-1

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1179 GCTGCGCAGCAGC 1193  
|||||  
Db 17 GCTGCGCAGCAGC 3

RESULT 563  
US-08-117-952-183/c  
Sequence 183, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 183:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Oligonucleotide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-117-952-183

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 CTTCCCAACCCCTC 1571  
Db 16 CTTCCCAACCACTC 2

RESULT 564  
US-08-585-684B-2739  
; Sequence 2739, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/000,951  
; FILING DATE: July 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2739:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-585-684B-2739

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 4.1e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1974 TGCCTGCCCTCTGTC 1988  
Db 3 UGCCUGCCCCCUGUC 17

RESULT 565  
US-08-931-072A-11/c  
; Sequence 11, Application US/08931072A  
; Patent No. 5939542  
; GENERAL INFORMATION:  
; APPLICANT: KAWAI, SHINTARO  
; APPLICANT: MAEKAWAJIRI, SHINJI  
; APPLICANT: NAKAMOTO, HIROAKA  
; TITLE OF INVENTION: DETECTION OF HLA-DR  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
; CITY: ARLINGTON  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22202

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/931,072A  
; FILING DATE: 15-SEP-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 7-514371  
; FILING DATE: 10-MAR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: OBLON, NORMAN F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-413-3000  
; TELEFAX: 703-413-2220  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
US-08-931-072A-11

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 GGAGGAGGTCAGTT 1505  
Db 16 GGAGGAGGTTAGTT 2

RESULT 566  
US-08-931-072A-27  
; Sequence 27, Application US/08931072A  
; Patent No. 5939542  
; GENERAL INFORMATION:  
; APPLICANT: KAWAI, SHINTARO  
; APPLICANT: MAEKAWAJIRI, SHINJI  
; APPLICANT: NAKAMOTO, HIROAKA  
; TITLE OF INVENTION: DETECTION OF HLA-DR  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
; CITY: ARLINGTON  
; STATE: VA

```

; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,072A
; FILING DATE: 15-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-514371
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
;
; US-08-931-072A-27
;
; Query Match 0.6%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 4.1e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; y 1491 GGAGGAGGTCAGTT 1505
; ||||| ||||| |||||
; b 3 GGAGGAGGTTAAGTT 17
;
; RESULT 567
; US-09-205-922-59/c
; Sequence 59, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 59
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-205-922-59
;
; Query Match 0.6%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 4.1e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; y 1136 ACCTGGAGAGATCA 1150
; ||||| ||||| |||||
; b 18 ACCTGGAGAGATCA 4
;
; RESULT 568
; US-09-156-253-15/c
; Sequence 15, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowseert, Lex M.
; TITLE OF INVENTION: Antisense Modulation of CREL Expression
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156,253C
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;
; US-09-156-253-15
;
; Query Match 0.6%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 4.1e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 128 ACTATTATGGACAAG 142
; ||||| ||||| |||||
; Db 15 ACTATTATGGAAAAG 1
;
; RESULT 569
; US-09-106-038A-57
; Sequence 57, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-106-038A-57
;
; Query Match 0.6%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 4.1e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1332 TGAAGAGGAGGGAGA 1346
; ||||| ||||| |||||
; Db 4 TGAAGAGGAGGGAGA 18
;
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```
RESULT 570
US-09-177-359-15/c
; Sequence 15, Application US/09177359B
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Damian
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; FILE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/lld
; CURRENT APPLICATION NUMBER: US/09/177,359B
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as primers
US-09-177-359-15
Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
||||| |||||||
Db 15 CCAAGGTGGAGAGC 1

RESULT 571
US-09-474-922A-39
; Sequence 39, Application US/09474922A
; Patent No. 6187585
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-39
Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1707 CCATTCTTCCCGTTC 1721
||||| |||||||
Db 4 CCATTCTTCCCGTTC 18

RESULT 572
US-09-073-2739
; Sequence 2739, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
```

```
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,584
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2739
Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 4.1e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1974 TGCGTCGCGCTCTGTC 1988
||||| |||||||
Db 3 UGCCUGCCCCUGUC 17

RESULT 573
US-08-584-040-3066/c
; Sequence 3066, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3066:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IS-08-584-040-3066

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 351 TGGTGAGGACTGTCC 365  
b 17 TGGAGAGGACTGTCC 3

RESULT 574  
S-09-920-760-23/c  
Sequence 23, Application US/09920760  
Patent No. 6492173  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
FILE REFERENCE: RFS-0275  
CURRENT APPLICATION NUMBER: US/09/920,760  
CURRENT FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 23  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
S-09-920-760-23

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 740 ACCCGCTCCGAGACG 754  
b 18 ACCTGCTCCGAGACG 4

RESULT 575  
IS-09-422-978-6640/c  
Sequence 6640, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 6640  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-14944 for SEQ 2706,  
US-09-422-978-6640

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1556 TCITCCCCAACCCCT 1570  
Db 17 TCITCCCCAACCCCT 3

RESULT 576  
US-09-371-772B-1493/c  
Sequence 1493, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MSHB00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1493  
LENGTH: 18  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1493

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 351 TGGTGAGGACTGTCC 365  
Db 17 TGGAGAGGACTGTCC 3

RESULT 577  
PCT-US93-12600-26  
Sequence 26, Application PC/TUS9312600  
GENERAL INFORMATION:  
APPLICANT: Denner, Larry A.  
APPLICANT: Rege, Ajay A.  
APPLICANT: Dixon, Richard A.F.  
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A

```

; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US93-12600-26

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 TTCAAGCTCCACATC 1098
Db 2 TTCCAGCTCCACATC 16
|||||

RESULT 578
US-08-683-839B-17/c
; Sequence 17, Application US/08683839B
; Patent No. 5744326
; GENERAL INFORMATION:
; APPLICANT: Ill, Charles . R. et al.
; TITLE OF INVENTION: Use of Viral Cis-Acting Post-Transcriptional
; TITLE OF INVENTION: Regulatory Sequences To Increase Expression of
; TITLE OF INVENTION: Intronless Genes Containing Near-Consensus Splice Sites
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/683,839B
; FILING DATE: 11-MARCH-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Remillard, Jane E.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: TTI-138
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-683-839B-17

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1336 GAGGAGGAGAGGGG 1350
Db 16 GAGGAGGAGAGGTG 2
|||||

RESULT 579
US-08-332-766A-67
; Sequence 67, Application US/08332766A
; Patent No. 5843647
; GENERAL INFORMATION:
; APPLICANT: JEFFREYS, Alec J.
; APPLICANT: ARMOUR, John
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DABBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/332,766A
; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9326052.9
; FILING DATE: 21-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, Donald J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-332-766A-67

Query Match 0.6%; Score 13.4; DB 1; Length 19;

```

Best Local Similarity 93.3%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1747 AGGTCTGGGTGAAG 1761  
| | | | | | | | | |  
b 1 AGGTCTGGGTGACAG 15

## RESULT 580

JS-08-181-664-68/c  
; Sequence 68, Application US/08181664  
; Patent No. 6025127  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN  
; TITLE OF INVENTION: HISTOLOGIC TISSUE  
; NUMBER OF SEQUENCES: 82  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/181,664  
FILING DATE: JANUARY 14, 1994  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-3055  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 68:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:

NAME/KEY: CDS  
LOCATION: 1..19  
IS-08-181-664-68

Query Match 0.6%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1584 TTCTATTCTCTGTG 1598  
| | | | | | | | | |  
b 16 TTCTATTCTCTGTG 2

## RESULT 581

IS-09-545-435-2  
; Sequence 2, Application US/09545435  
; Patent No. 6416999  
; GENERAL INFORMATION:  
; APPLICANT: Li, Rong-hao  
; APPLICANT: Mather, Jennie P.  
; TITLE OF INVENTION: HUMAN MULLERIAN DUCT-DERIVED EPITHELIAL  
; TITLE OF INVENTION: CELLS AND METHODS OF ISOLATION AND USES THEREOF  
; FILE REFERENCE: 41507200800  
; CURRENT APPLICATION NUMBER: US/09/545,435  
; CURRENT FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-09-545-435-2

Query Match 0.6%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1134 GTACTGGAGAAGAT 1148  
| | | | | | | | | |  
Db 5 GTACTGGAGACGAT 19

## RESULT 582

US-09-422-978-5823  
; Sequence 5823, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET 020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5823  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-7136 for SEQ 1889,  
US-09-422-978-5823

Query Match 0.6%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1877 CTCCTGTTTTTTTCA 1891  
| | | | | | | | | |  
Db 2 CTCCTGTTTTTTTCA 16

## RESULT 583

US-09-710-693-16  
; Sequence 16, Application US/09710693  
; Patent No. 6642370  
; GENERAL INFORMATION:  
; APPLICANT: WISE, CAROL A  
; TITLE OF INVENTION: GENETIC MARKER FOR AUTOIMMUNE DISORDER  
; FILE REFERENCE: SEQ FOR TEX871  
; CURRENT APPLICATION NUMBER: US/09/710,693  
; CURRENT FILING DATE: 2000-11-08  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens

JS-09-710-693-16

Query Match 0.6%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1302 AATTGCTGTGAGGA 1316  
||| |||||  
Db 4 AATGGCTGTGAGGA 18

RESULT 584

US-08-031-143B-56  
; Sequence 56, Application US/08031143B  
; Patent No. 5518880  
; GENERAL INFORMATION:  
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;  
; APPLICANT: MCBRIDE, O. WESLEY  
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND  
; TREATMENT OF XSCID  
; NUMBER OF SEQUENCES: 76  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVE.  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORD PERFECT # 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/031,143B  
; FILING DATE: 12-MAR-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: WILLIAM S. FEILER  
; REGISTRATION NUMBER: 26,728  
; REFERENCE/DOCKET NUMBER: 2026-4061  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-758-4800  
; TELEFAX: 212-751-6849  
; TELEX: 421792  
; INFORMATION FOR SEQ ID NO: 56:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: UNKNOWN  
; MOLECULE TYPE:  
; DESCRIPTION: OLIGONUCLEOTIDE  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
; ORIGINAL SOURCE:  
; ORGANISM: HUMAN  
; INDIVIDUAL ISOLATE: IL-2R  
US-08-031-143B-56

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1980 CCCTCTGTCTGCTT 1994  
||| |||||  
Db 2 CACTCTGTCTGCTT 16

RESULT 585

US-08-390-256-4  
; Sequence 4, Application US/08390256  
; Patent No. 5538871

GENERAL INFORMATION:

; APPLICANT: Gerard J. Nuovo et al.  
; TITLE OF INVENTION: IMPROVEMENTS IN THE IN SITU POLYMERASE  
; CHAIN REACTION  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cetus Corporation  
; STREET: 1400 Fifty-Third Street  
; CITY: Emeryville  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94608  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage  
; COMPUTER: Apple Macintosh  
; OPERATING SYSTEM: Macintosh 6.0.5  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/390,256  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/733,419  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kevin R. Kaster  
; REGISTRATION NUMBER: 32,704  
; REFERENCE/DOCKET NUMBER: 2614  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 420-3444  
; TELEFAX: (415) 658-5470  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other Nucleic Acid  
US-08-390-256-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1875 ATCTCTGTGTTTTT 1889  
||| |||||  
Db 1 ATCCCTGTGTTTTT 15

RESULT 586

US-08-205-507-6/c  
; Sequence 6, Application US/08205507  
; Patent No. 5543507  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook, Muthiah Manoharan, and Thomas W.  
; APPLICANT: Bruice  
; TITLE OF INVENTION: Covalently Cross-Linked  
; OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5543507 is  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/205,507

```
; FILING DATE: Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02059
; FILING DATE: March 5, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-1304
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: no
; US-08-205-507-6

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGAGA 4

RESULT 587
US-08-487-141B-8
Sequence 8, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

; ANTI-SENSE: YES
; US-08-487-141B-8

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGGCTTCCTG 1539
Db 1 AGCTCAGGCTTCCTG 15

RESULT 588
US-08-255-892-90
Sequence 90, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEEVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-90

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1589 TTCTCTGTGTATTT 1603
Db 1 TTCTCTGTGTATTT 15

RESULT 589
US-08-295-743-6/c

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

; Sequence 6, Application US/08295743  
; Patent No. 5719271  
; GENERAL INFORMATION:  
; APPLICANT: ISIS Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Covalently Cross-Linked  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
; ADDRESSEE: and No. 5719271ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/295,743  
; FILING DATE: 30-AUG-1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 846,376  
; FILING DATE: 05-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucchi  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-1006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 9  
; OTHER INFORMATION: nucleotide modified to  
; OTHER INFORMATION: incorporate a pentylamino functionality  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 18  
; OTHER INFORMATION: nucleotide modified to  
; OTHER INFORMATION: incorporate a pentylamino functionality  
US-08-295-743-6

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGGGAGGA 1346  
|||||  
Db 18 TGAAGAGGTGGAGA 4

RESULT 590  
US-08-361-858-8/c  
; Sequence 8, Application US/08361858  
; Patent No. 5834607  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF  
; TITLE OF INVENTION: MAKING AND USING THE SAME  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
; ADDRESSEE: and No. 5834607ris

; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/361,858  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/943,516  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gaumont, Rebecca R.  
; REGISTRATION NUMBER: 35,152  
; REFERENCE/DOCKET NUMBER: ISIS-0484  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 9  
; OTHER INFORMATION: /note=  
; OTHER INFORMATION: "2'-O-aminopentoxo-2'-deoxyadenosine"  
US-08-361-858-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGGGAGGA 1346  
|||||  
Db 18 TGAAGAGGTGGAGA 4

RESULT 591  
US-08-361-858-9/c  
; Sequence 9, Application US/08361858  
; Patent No. 5834607  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF  
; TITLE OF INVENTION: MAKING AND USING THE SAME  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
; ADDRESSEE: and No. 5834607ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/361,858  
; FILING DATE:  
; CLASSIFICATION: 435

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/943,516
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-0484
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-361-858-9

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346
DB 18 TGAAGAGGATGGAGA 4

RESULT 592
US-08-609-443B-45/c
Sequence 45, Application US/08609443B
Patent No. 5840693
GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: RAJUSOLA, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 45:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-609-443B-45
Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CGGACGCGACCTGGG 1197
DB 20 CGGACGCTACCTGGG 6

RESULT 593
US-08-927-561-8
Sequence 8, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-8

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGCTTCCTG 1539
DB 1 AGCTCAGGCTTCCTG 15

RESULT 594
```



```
US-08-680-326-136/c
; Sequence 136, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; TITLE OF INVENTION: FIBROMATOSIS
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-680-326-136

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 1; Mismatches 0; Gaps 0;

QY 708 GGCTGGCAAGCAA 722
Db 16 GGCTGGCAAGTCAA 2
|||||
RESULT 595
US-08-904-901-28/c
; Sequence 28, Application US/08904901
; Patent No. 598383
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; TITLE OF INVENTION: ANTI-TUMOR ANTISENSE SEQUENCES DIRECTED
; TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 5998383thwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

US-08-680-326-136/c
; Sequence 136, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; TITLE OF INVENTION: FIBROMATOSIS
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-680-326-136

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 1; Mismatches 0; Gaps 0;

QY 708 GGCTGGCAAGCAA 722
Db 16 GGCTGGCAAGTCAA 2
|||||
RESULT 595
US-08-904-901-28/c
; Sequence 28, Application US/08904901
; Patent No. 598383
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; TITLE OF INVENTION: ANTI-TUMOR ANTISENSE SEQUENCES DIRECTED
; TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 5998383thwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

US-08-680-326-136/c
; Sequence 136, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; TITLE OF INVENTION: FIBROMATOSIS
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-680-326-136

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 1; Mismatches 0; Gaps 0;

QY 1682 GCTCTCCAGGAGCC 1696
Db 20 GATCTTCCAGAGCC 6
|||||
RESULT 596
US-08-750-064-20
; Sequence 20, Application US/08750064
; Patent No. 6040142
; GENERAL INFORMATION:
; APPLICANT: MELKI, JUDITH
; APPLICANT: MUNNICH, ARNOLD
; TITLE OF INVENTION: METHOD AND PROBES FOR DETECTING MARKERS
; TITLE OF INVENTION: BOUND TO THE LOCUS OF CHILD SPINAL MUSCULAR ATROPHIES
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/750,064
; FILING DATE: 29-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 94/06856
; FILING DATE: 03-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 960-26
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
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Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 AGAGGAGGAGGAGG 1349
Db 1 AGAGGAGGAGGAGG 15

RESULT 600
US-08-713-742-6/c
; Sequence 6, Application US/08713742
; Patent No. 6111085
; GENERAL INFORMATION:
; APPLICANT: Cook and Manoharan
; TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
; TITLE OF INVENTION: Oligonucleosides
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6111085ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,742
; FILING DATE: 17-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2350
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-713-742-6

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGG 1346
Db 18 TGAAGAGGAGGAGG 4

RESULT 601
US-08-862-431-34
; Sequence 34, Application US/08862431
; Patent No. 6120994
; GENERAL INFORMATION:
; APPLICANT: TAM, SHUI-PANG
; TITLE OF INVENTION: ANTIOXIDANT RESPONSIVE ELEMENT
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20005-3934
```

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COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/862,431
; FILING DATE: 23-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kim, Judith U.
; REGISTRATION NUMBER: 40,679
; REFERENCE/DOCKET NUMBER: 1669.0020000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-862-431-34

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1629 ATCCCCAGGGACAGA 1643
Db 2 AGCCCCAGGGACAGA 16

RESULT 602
US-09-249-730-28/c
; Sequence 28, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-28

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCC 1696
Db 20 GATCTTCAGGAGCC 6

RESULT 603
US-08-990-065-9
; Sequence 9, Application US/08990065
; Patent No. 6121046
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo
; APPLICANT: Eckstein, Fritz
; APPLICANT: Friedman, Alon
; APPLICANT: Kaufner, Daniela
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
```



```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-69

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 410 GTTCTGTGGAAGTG 424
Db 15 GTTCTGTGGAAGTG 1

RESULT 607
US-09-433-694-36
; Sequence 36, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433,694
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-694-36

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 TGGAACTGCTAAAGT 559
Db 2 TGGAACTGCTGAAGT 16

RESULT 608
US-09-433-694-47/c
; Sequence 47, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433,694
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-694-47

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1283 TCTGCTCCTCTGACA 1297
Db 1283 TCTGCTCCTCTGACA 1297
```

```
Db 19 TCTGATCCTCTGACA 5

RESULT 609
US-09-372-856-6/c
; Sequence 6, Application US/09372856
; Patent No. 6166188
; GENERAL INFORMATION:
; APPLICANT: Cook and Manoharan
; TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
; Oligonucleosides
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6166188ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: WordPerfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/372,856
; FILING DATE: 12-AUG-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/713,742
; FILING DATE: 13-SEP-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-4070
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-372-856-6

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGAGGAGA 4

RESULT 610
US-09-103-875-122/c
; Sequence 122, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; Oligonucleotides
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
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NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 122  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
JS-09-103-875-122

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1648 AAGGCCCGAGCTCA 1662  
||| |||||  
b 15 AAGGCCCGAGCTCA 1

## RESULT 611

JS-09-389-896-4  
; Sequence 4, Application US/09389896  
; Patent No. 6228634  
; GENERAL INFORMATION:  
; APPLICANT: Blumenfeld, Martin  
; TITLE OF INVENTION: Chaplin, Jonathan  
; TITLE OF INVENTION: Thermal cycling or temperature control  
; TITLE OF INVENTION: device and method using alumina plate  
; FILE REFERENCE: 600,383US2  
; CURRENT APPLICATION NUMBER: US/09/389,896  
; CURRENT FILING DATE: 1999-09-03  
; EARLIER APPLICATION NUMBER: PCT/US98/04041  
; EARLIER FILING DATE: 1998-03-03  
; EARLIER APPLICATION NUMBER: US 08/810,641  
; EARLIER FILING DATE: 1997-03-03  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human papillomavirus, type 16  
JS-09-389-896-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1875 ATCTCCTGTTTTTTT 1889  
||| |||||  
b 1 ATCTCCTGTTTTTTT 15

## RESULT 612

JS-09-128-508-4/c  
; Sequence 4, Application US/09128508  
; Patent No. 6232463  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Ramasamy, Kanda S  
; TITLE OF INVENTION: Substituted Purines and Oligonucleotide Cross-Linking  
; FILE REFERENCE: ISIS3152  
; CURRENT APPLICATION NUMBER: US/09/128,508  
; CURRENT FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: PCT/US91/00243  
; PRIOR FILING DATE: 1991-01-11  
; PRIOR APPLICATION NUMBER: 07/463,358  
; PRIOR FILING DATE: 1990-01-11  
; PRIOR APPLICATION NUMBER: 08/189,792  
; PRIOR FILING DATE: 1994-02-01  
; PRIOR APPLICATION NUMBER: 08/948,151  
; PRIOR FILING DATE: 1997-10-09

NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6232463el  
; OTHER INFORMATION: Sequence  
US-09-128-508-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346  
||| |||||  
Db 18 TGAAGAGGAGGAGA 4

## RESULT 613

US-08-397-277A-8/c  
; Sequence 8, Application US/08397277A  
; Patent No. 6235886  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Phillip D. Cook  
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF  
; TITLE OF INVENTION: MAKING AND USING THE SAME  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
; ADDRESSEE: and No. 6235886ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/397,277A  
; FILING DATE: 09-MAR-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/943,516  
; FILING DATE: 11-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gaumond, Rebecca R.  
; REGISTRATION NUMBER: 35,152  
; REFERENCE/DOCKET NUMBER: ISIS-1198  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 9  
; OTHER INFORMATION: /note=  
; OTHER INFORMATION: "2'-O-aminopentoxo-2'-deoxyadenosine"  
US-08-397-277A-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;

```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGGAGA 4
|||||
RESULT 614
US-08-397-277A-9/c
; Sequence 9, Application US/08397277A
; Patent No. 6235886
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Phillip D. Cook
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
; TITLE OF INVENTION: MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 6235886ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,277A
; FILING DATE: 09-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/943,516
; FILING DATE: 11-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaumont, Rebecca R.
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1198
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-397-277A-9
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGGAGA 4
|||||
RESULT 615
US-09-330-330-4
; Sequence 4, Application US/09330330
; Patent No. 6274789
; GENERAL INFORMATION:
; APPLICANT: Yano, Masahiro
; APPLICANT: Iwamoto, Masao
; APPLICANT: Katayose, Yuichi
; APPLICANT: Sasaki, Takuji
; APPLICANT: Wang, Zi-Xuan
; APPLICANT: Yamanouchi, Utako
```

```
; APPLICANT: Ishimaru, Lisa
; TITLE OF INVENTION: RICE GENE RESISTANT TO BLAST DISEASE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/330,330
; FILING DATE: 11-JUN-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 10-181455
; FILING DATE: 12-JUN-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Ph.D., J.D., Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 06501/032001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-330-330-4
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 209 GAAAAATGGAATCT 223
Db 4 GAAAAATGGAATGT 18
|||||
RESULT 616
US-09-467-642-42
; Sequence 42, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRE
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-42
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 947 TGCTGATGCTGGAG 961
Db 6 TGCTGATGCTGGAG 20
|||||
```

```

RESULT 617
IS-09-688-394-6/c
Sequence 6, Application US/09688394
Patent No. 6322987
GENERAL INFORMATION:
  APPLICANT: Cook and Manoharan
  TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
  TITLE OF INVENTION: Oligonucleosides
  NUMBER OF SEQUENCES: 8
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6322987ris
  STREET: One Liberty Place - 46th Floor
  CITY: Philadelphia
  STATE: PA
  COUNTRY: U.S.A.
  ZIP: 19103
  COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5 inch disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: Windows NT 4.0
  SOFTWARE: Wordperfect 8.0
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/688,394
  FILING DATE:
  CLASSIFICATION:
  PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 09/372,856
  FILING DATE: 12-AUG-1999
  APPLICATION NUMBER: 08/713,742
  FILING DATE: 13-SEP-1996
  ATTORNEY/AGENT INFORMATION:
  NAME: Joseph Lucchi
  REGISTRATION NUMBER: 33,307
  REFERENCE/DOCKET NUMBER: ISIS-4070
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: 215-568-3100
  TELEFAX: 215-568-3439
  INFORMATION FOR SEQ ID NO: 6:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 20 bases
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
IS-09-688-394-6

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1332 TGAAGAGAGGAGGAGA 1346
   |||||||
b 18 TGAAGAGGATGGAGA 4

RESULT 618
IS-08-851-896-45/c
Sequence 45, Application US/08851896
Patent No. 6331301
GENERAL INFORMATION:
  APPLICANT: ERIKSSON, Ulf
  APPLICANT: OLOFSSON, Birgitta
  APPLICANT: ALITALO, Kari
  APPLICANT: PAJUSOLA, Katri
  TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
  TITLE OF INVENTION: DNA CODING THEREFOR
  NUMBER OF SEQUENCES: 57
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.I.L.C.
  STREET: 1200 G Street, N.W., Suite 700
  CITY: Washington
  STATE: DC

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1183 CCGCAGCGACCTGGG 1197
   |||||||
Db 20 CCGCAGCTACCTGGG 6

RESULT 619
US-09-629-645A-106/c
Sequence 106, Application US/09629645A
Patent No. 6365354
GENERAL INFORMATION:
  APPLICANT: C. Frank Bennett
  APPLICANT: Jacqueline Wyatt
  TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
  FILE REFERENCE: RTS-0137
  CURRENT APPLICATION NUMBER: US/09/629,645A
  CURRENT FILING DATE: 2000-07-31
  NUMBER OF SEQ ID NOS: 164
  SEQ ID NO 106
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-106

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1616 ATTAATAATATAATAT 1630
   |||||||
Db 1616 ATTAATAATATAATAT 1630
   |||||||
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;
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,896
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,443B
; FILING DATE: 01-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/397,651
; FILING DATE: 01-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,427
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/569,063
; FILING DATE: 06-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: EVANS, Joseph D
; REGISTRATION NUMBER: 26,269
; REFERENCE/DOCKET NUMBER: 1064/41979CP4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-8800
; TELEFAX: (202) 628-8844
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-851-896-45

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1183 CCGCAGCGACCTGGG 1197
   |||||||
Db 20 CCGCAGCTACCTGGG 6

RESULT 619
US-09-629-645A-106/c
Sequence 106, Application US/09629645A
Patent No. 6365354
GENERAL INFORMATION:
  APPLICANT: C. Frank Bennett
  APPLICANT: Jacqueline Wyatt
  TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
  FILE REFERENCE: RTS-0137
  CURRENT APPLICATION NUMBER: US/09/629,645A
  CURRENT FILING DATE: 2000-07-31
  NUMBER OF SEQ ID NOS: 164
  SEQ ID NO 106
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-106

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1616 ATTAATAATATAATAT 1630
   |||||||
Db 1616 ATTAATAATATAATAT 1630
   |||||||
```



```

1 APPLICANT: Manoharan, Muthiah
2 Phillip D. Cook
3 TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
4 MAKING AND USING THE SAME
5 NUMBER OF SEQUENCES: 16
6 CORRESPONDENCE ADDRESS:
7 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
8 and No. 6399757rls
9 STREET: One Liberty Place - 46th Floor
10 CITY: Philadelphia
11 STATE: PA
12 COUNTRY: U.S.A.
13 ZIP: 19103
14 COMPUTER READABLE FORM:
15 MEDIUM TYPE: Floppy disk
16 COMPUTER: IBM PC compatible
17 OPERATING SYSTEM: PC-DOS/MS-DOS
18 SOFTWARE: WordPerfect 5.1
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/09/689,964
21 FILING DATE: 12-Oct-2000
22 CLASSIFICATION: <Unknown>
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: 08/397,277
25 FILING DATE: 09-MAR-1995
26 APPLICATION NUMBER: 07/943,516
27 FILING DATE: 11-SEP-1992
28 ATTORNEY/AGENT INFORMATION:
29 NAME: Gaumond, Rebecca R.
30 REGISTRATION NUMBER: 35,152
31 REFERENCE/DOCKET NUMBER: ISIS-1198
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: 215-568-3100
34 TELEFAX: 215-568-3439
35 INFORMATION FOR SEQ ID NO: 8:
36 SEQUENCE CHARACTERISTICS:
37 LENGTH: 20 base pairs
38 TYPE: nucleic acid
39 STRANDEDNESS: single
40 TOPOLOGY: linear
41 MOLECULE TYPE: DNA (genomic)
42 FEATURE:
43 NAME/KEY: misc_feature
44 LOCATION: 9
45 OTHER INFORMATION: /note=
46 "2'-O-aminopentoxo-2'-deoxyadenosine"
47 SEQUENCE DESCRIPTION: SEQ ID NO: 8:
48
49 US-09-689-964-8
50
51 Query Match 0.6%; Score 13.4; DB 1; Length 20;
52 Best Local Similarity 93.3%; Pred. No. 5,2e+02;
53 Matches 14; Conservative 0; Mismatches 1; Indels
54
55 Qy 1332 TGAAGAGGAGGGAGA 1346
56 Db 18 TGAAGAGGATGGAGA 4
57
58 RESULT 623
59 US-09-689-964-8/c
60 Sequence 8, Application US/09689964
61 Patent No. 6495671
62 GENERAL INFORMATION:
63 APPLICANT: Manoharan, Muthiah
64 Phillip D. Cook
65 TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
66 MAKING AND USING THE SAME
67 NUMBER OF SEQUENCES: 16
68 CORRESPONDENCE ADDRESS:
69 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
70 and No. 6495671rls
71 STREET: One Liberty Place - 46th Floor
72 CITY: Philadelphia

```

```
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: /note=
"2'-O-aminopentoxo-2'-deoxyadenosine"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
IS-09-689-964-8
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
y 1332 TGAAGAGGAGGAGA 1346
|||||
b 18 TGAAGAGGATGGAGA 4

RESULT 624
S-09-689-964-9/c
Sequence 9, Application US/09689964
Patent No. 6495671
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
Phillip D. Cook
TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6495671ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
APPLICATION NUMBER: US/09/689,964

STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: /note=
"2'-O-aminopentoxo-2'-deoxyadenosine"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-689-964-9
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1332 TGAAGAGGAGGAGA 1346
|||||
Db 18 TGAAGAGGATGGAGA 4

RESULT 625
US-09-689-964-9/c
Sequence 9, Application US/09689964
Patent No. 6399757
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
Phillip D. Cook
TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6399757ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 9:
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;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-689-964-9

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGGAGGGGAGGAGA 1346
DB 18 TGAAGAGGATGGAGAGA 4

RESULT 626
US-09-657-452A-96/c
; Sequence 96, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-96

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCATCTGGCTCTGT 516
DB 20 GCATCTGGCATCTGT 6

RESULT 627
US-09-422-978-4896/c
; Sequence 4896, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4896
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
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; OTHER INFORMATION: upstream amplification primer 99-18536 for SEQ 962,
US-09-422-978-4896

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAGAGAA 1415
DB 20 GGATGAAAAGAAAA 6

RESULT 628
US-09-422-978-10868/c
; Sequence 10868, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10868
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21566 for SEQ 3003, in complete
US-09-422-978-10868

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1384 AAGAGAGTCAAAACA 1398
DB 16 AAGAAAGTCAAAACA 2

RESULT 629
US-09-060-299-268/c
; Sequence 268, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 NO. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 268:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-268

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1305 TGCCTGTGAGGAGA 1319  
b 18 TCCCTGTGAGGAGA 4

RESULT 630  
US-09-402-923A-268/c  
Sequence 268, Application US/09402923A  
Patent No. 655654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 655654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 655654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102

; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 268:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 268:  
US-09-402-923A-268

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1305 TGCCTGTGAGGAGA 1319  
Db 18 TCCCTGTGAGGAGA 4

RESULT 631  
US-09-198-452A-1900/c  
Sequence 1900, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffsais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 1900  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1900

Query Match 0.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1034 TCCCTATGAGCTTC 1048  
Db 17 TCCCAATGAGCTTC 3

RESULT 632  
US-09-198-452A-4696  
Sequence 4696, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffsais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4696  
LENGTH: 20

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4696

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1814 TAGTACGCTTTGGAAA 1828
      |||||
Db 5 TAGTACGCTGTGGAAA 19

RESULT 633
US-09-198-452A-5555
; Sequence 5555, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5555

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 889 CTAACCTATCAAAGGA 903
      |||||
Db 6 CTAACCTATCAGGA 20

RESULT 634
US-09-249-247-28/c
; Sequence 28, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-28

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCC 1696
      |||||

Db 20 GATCTTCAGGAGCC 6

RESULT 635
US-10-027-983-22/c
; Sequence 22, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-22

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1724 AACTTTGAACCATAA 1738
      |||||
Db 19 AACTTTGAACCATCA 5

RESULT 636
PCT-US93-02059-6/c
; Sequence 6, Application PC/TUS9302059
; GENERAL INFORMATION:
; APPLICANT: David Ecker
; TITLE OF INVENTION: Covalently Cross-Linked Oligonucleotides
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02059
; FILING DATE: 19930305
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 846,376
; FILING DATE: March 5, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
```

```

ANTI-SENSE: yes
PCT-US93-02059-6
  Query Match          0.6%; Score 13.4; DB 1; Length 20;
  Best Local Similarity 93.3%; Pred. No. 5.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1332 TGAAGAGGAGGAGGAGA 1346
b 18 TGAAGAGGAGTGGAGA 4

RESULT 637
PCT-US93-08367A-8/c
: Sequence 8, Application PC/TUS9308367A
: GENERAL INFORMATION:
: APPLICANT: Manoharan, Muthiah
: TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
: MAKING AND USING THE SAME
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
: ADDRESSEE: and Norris
: STREET: One Liberty Place - 46th Floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: U.S.A.
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US93/08367A
: FILING DATE:
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: Gaumond, Rebecca R.
: REGISTRATION NUMBER: 35,152
: REFERENCE/DOCKET NUMBER: ISIS-1171
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-568-3100
: TELEFAX: 215-568-3439
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 20 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: PCT-US93-08367A-9
: Query Match          0.6%; Score 13.4; DB 1; Length 20;
: Best Local Similarity 93.3%; Pred. No. 5.2e+02;
: Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1332 TGAAGAGGAGGAGGAGA 1346
Db 18 TGAAGAGGAGTGGAGA 4

RESULT 639
PCT-US94-02891-56
: Sequence 56, Application PC/TUS9402891
: GENERAL INFORMATION:
: APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
: SERVICES
: APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
: APPLICANT: INSTITUTES OF HEALTH, BOX CTT, BETHESDA, MARYLAND 20892 USA
: TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
: CORRESPONDENCE ADDRESS:
: NUMBER OF SEQUENCES: 69
: ADDRESSEE: MORGAN & FINNEGAN
: STREET: 345 PARK AVE.
: CITY: NEW YORK
: STATE: NEW YORK
: COUNTRY: USA
: ZIP: 10154
: COMPUTER READABLE FORM:
: MEDIUM TYPE: FLOPPY DISK
: COMPUTER: IBM PC COMPATIBLE
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WORD PERFECT # 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US94/02891
: FILING DATE:

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
; PCT-US94-02891-56

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1980 CCTCTGCTGCTT 1994
DB 2 CACTGCTGCTT 16

RESULT 640
PCT-US96-09388-8
; Sequence 8, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 8:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; PCT-US96-09388-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGGCTTCTG 1539
DB 1 AGCTCAGCTTCTG 15

RESULT 641
US-07-874-334-14
; Sequence 14, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOPHORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-874-334-14

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 AAAACAGAGGATGAAAAA 1410
DB 1 AAAAGAAAGGAGGAAAAA 18

RESULT 642
US-08-010-997-2
```

```
; Sequence 2, Application US/08010997
; Patent No. 5527695
; GENERAL INFORMATION:
; APPLICANT: Hodges, Thomas K.
; APPLICANT: Lyznik, Leszek A.
; TITLE OF INVENTION: Controlled Modification of Eukaryotic
; TITLE OF INVENTION: Genomes
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 South Meridian St.
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: U.S.A.
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 29-JAN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lammert, Steven R.
; REGISTRATION NUMBER: 27,653
; REFERENCE/DOCKET NUMBER: 08/010,997
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7258
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 2:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-010-997-2
Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;y 1264 CCTCACAGGCTCATCTCG 1281
; 1 CCTCACAGGCTCATCTCG 18
;
; RESULT 643
; US-08-152-019A-15/c
; Sequence 15, Application US/08152019A
; Patent No. 5565331
; GENERAL INFORMATION:
; APPLICANT: Tessier-Lavigne, Marc
; APPLICANT: Serafini, Tito
; APPLICANT: Kennedy, Timothy
; APPLICANT: Placzek, Marysia
; APPLICANT: Jessell, Thomas
; APPLICANT: Dodd, Jane
; TITLE OF INVENTION: NEURAL AXON OUTGROWTH MODULATORS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152.019A
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard Aron
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: A-59012/RAO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277293 FHT UR
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-152-019A-15
Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;Qy 1238 AGACTGGCGATGAGGACG 1255
; 18 AGCTGGCGAGGAGGACG 1
;
; Db
;
; RESULT 644
; US-08-612-551-2
; Sequence 2, Application US/08612551
; Patent No. 5744336
; GENERAL INFORMATION:
; APPLICANT: Hodges, Thomas K.
; APPLICANT: Lyznik, Leszek A.
; TITLE OF INVENTION: DNA Constructs for Controlled Transformation of Eukaryotic
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 South Meridian St.
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: U.S.A.
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,551
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/010,997
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lammert, Steven R.
; REGISTRATION NUMBER: 27,653
; REFERENCE/DOCKET NUMBER: 3220-26587
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7258
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-612-551-2
```



Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1264 CCTGACAGCGCATCTCG 1281  
||| ||| ||| ||| ||| |||  
Db 1 CCTCACAGGCTCATCTCG 18

RESULT 645  
US-08-117-952-740  
; Sequence 740, Application US/08117952  
; Patent No. 5851760  
; GENERAL INFORMATION:  
; APPLICANT: Evans, Glen A.  
; APPLICANT: Smith, Michael W.  
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
; NUMBER OF SEQUENCES: 797  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Precty, Schroeder, Brueggemann & Clark  
; STREET: 444 South Flower Street, Suite 2000  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/117,952  
; FILING DATE: 07-SEP-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/078,471  
; FILING DATE: 15-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Reiter, Stephen B.  
; REGISTRATION NUMBER: 31,192  
; REFERENCE/DOCKET NUMBER: P41 9423  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-546-4737  
; TELEFAX: 619-546-9392  
; INFORMATION FOR SEQ ID NO: 740:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Oligonucleotide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-117-952-740

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 TCACGTTTCTTCCCAAC 1566  
||| ||| ||| ||| ||| |||  
Db 1 TCCCTCTCTTCCCAAC 18

RESULT 646  
US-09-006-232-2  
; Sequence 2, Application US/09006232  
; Patent No. 5910415  
; GENERAL INFORMATION:  
; APPLICANT: Hodges, Thomas K.  
; APPLICANT: Lyznik, Leszek A.

; TITLE OF INVENTION: DNA Constructs for Controlled  
; TITLE OF INVENTION: Transformation of Eukaryotic Cells  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Barnes & Thornburg  
; STREET: 11 South Meridian St.  
; CITY: Indianapolis  
; STATE: Indiana  
; COUNTRY: U.S.A.  
; ZIP: 46204  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/006,232  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/612,551  
; FILING DATE:  
; APPLICATION NUMBER: 08/010,997  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lammert, Steven R.  
; REGISTRATION NUMBER: 27,653  
; REFERENCE/DOCKET NUMBER: 3220-26587  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (317) 231-7258  
; TELEFAX: (317) 231-7433  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-09-006-232-2

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1264 CCTGACAGCGCATCTCG 1281  
||| ||| ||| ||| ||| |||  
Db 1 CCTCACAGGCTCATCTCG 18

RESULT 647  
US-08-863-639A-20/c  
; Sequence 20, Application US/08863639A  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. I.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Joseph E. Mueh  
 REGISTRATION NUMBER: 20,532  
 REFERENCE/DOCKET NUMBER: 11859-1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (626) 796-4000  
 TELEFAX: (626) 795-6321  
 INFORMATION FOR SEQ ID NO: 20:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Other nucleic acid  
 IS-08-863-639A-20

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
 Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CGATGAGGACGAGACGA 1262  
 |||||  
 Db 18 CGACGACGACGACGA 1

RESULT 648  
 IS-08-738-381-43  
 Sequence 43, Application US/08738381  
 Patent No. 6083694  
 GENERAL INFORMATION:  
 APPLICANT: John A. Hardy, Alison M. Goate  
 TITLE OF INVENTION: Method for Elucidation and  
 TITLE OF INVENTION: Detection of Polymorphisms, Splice Variants and  
 TITLE OF INVENTION: Proximal Coding Using Intronic Sequences of the  
 TITLE OF INVENTION: Mutations Alzheimer's S182 Gene  
 NUMBER OF SEQUENCES: 52  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Smithline Beecham Corporation  
 STREET: 709 Swedeland Road, P.O. Box 1539  
 CITY: King of Prussia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19408-0939  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
 MEDIUM TYPE: STORAGE  
 COMPUTER: IBM 486  
 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 SOFTWARE: WORDPERFECT 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/738,381  
 FILING DATE: Herewith  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/007,048  
 FILING DATE: October 25, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: William T. Han  
 REGISTRATION NUMBER: 34,344  
 REFERENCE/DOCKET NUMBER: P50388  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 610-270-5024  
 TELEFAX: 610-270-5090  
 INFORMATION FOR SEQ ID NO: 43:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: NO  
 IS-08-738-381-43

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
 Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 182 ATTGCTGCTCAACTATG 199  
 |||||  
 Db 1 ATTACTCTCAACAATG 18

RESULT 649  
 US-09-211-408-2  
 ; Sequence 2, Application US/09211408A  
 ; Patent No. 6110736  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hodges, Thomas K.  
 ; APPLICANT: Lyznik, Leszek A.  
 ; TITLE OF INVENTION: SITE-DIRECTED MODIFICATION IN PLANTS  
 ; FILE REFERENCE: 3220-62725  
 ; CURRENT APPLICATION NUMBER: US/09/211,408A  
 ; CURRENT FILING DATE: 1998-12-15  
 ; NUMBER OF SEQ ID NOS: 10  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 2  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Zea mays  
 ; ORGANISM: US-09-211-408-2

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
 Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1264 CCTGACAAAGCGCATCTCG 1281  
 |||||  
 Db 1 CCTCACAGGCTCATCTCG 18

RESULT 650  
 US-09-289-466-64  
 ; Sequence 64, Application US/09289466A  
 ; Patent No. 6124272  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
 ; FILE REFERENCE: RTS-0060  
 ; CURRENT APPLICATION NUMBER: US/09/289,466A  
 ; CURRENT FILING DATE: 1999-04-09  
 ; NUMBER OF SEQ ID NOS: 86  
 ; SEQ ID NO 64  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-289-466-64

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
 Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1241 GTGCCGATGAGGACGAAG 1258  
 |||||  
 Db 1 GTGAGGAGGAGGACGAAG 18

RESULT 651  
 US-09-034-205-64/c  
 ; Sequence 64, Application US/09034205  
 ; Patent No. 6194149  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lyamichev, Victor I.

```

; APPLICANT:  Brow, Mary Ann D.
; APPLICANT:  Fors, Lance P.
; APPLICANT:  Neri, Bruce P.
; TITLE OF INVENTION:  TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION:  STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES:  68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  MEDLEN & CARROLL, LLP
; STREET:  220 Montgomery Street, Suite 2200
; CITY:  San Francisco
; STATE:  CA
; COUNTRY:  USA
; ZIP:  94104
; COMPUTER READABLE FORM:
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME:  MacKnight, Kamrin T.
; REGISTRATION NUMBER:  38,230
; REFERENCE/DOCKET NUMBER:  FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  (415) 705-8410
; TELEFAX:  (415) 397-8338
; INFORMATION FOR SEQ ID NO:  64:
; SEQUENCE CHARACTERISTICS:
; LENGTH:  18 base pairs
; TYPE:  nucleic acid
; STRANDEDNESS:  single
; TOPOLOGY:  linear
; MOLECULE TYPE:  other nucleic acid
; DESCRIPTION:  /desc = "DNA"
US-09-034-205-64
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Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 1846 TTCTAGAGGGGTGGCTG 1863
Db 18 TCCAGAGGGGAGGCTG 1
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RESULT 652
US-08-584-040-3053
; Sequence 3053, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT:  Pavco, Pamela
; APPLICANT:  McSwiggen, James
; APPLICANT:  Stinchcomb, Dan T.
; APPLICANT:  Escobedo, Jaime
; TITLE OF INVENTION:  METHOD AND REAGENT FOR THE
; TITLE OF INVENTION:  TREATMENT OF DISEASES OR
; TITLE OF INVENTION:  CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION:  OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION:  GROWTH FACTOR
; NUMBER OF SEQUENCES:  8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  Lyon & Lyon
; STREET:  633 West Fifth Street
; STREET:  Suite 4700
; CITY:  Los Angeles
; STATE:  California
; COUNTRY:  U.S.A.
; ZIP:  90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  3.5" Diskette, 1.44 Mb
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; MEDIUM TYPE:  storage
; COMPUTER:  IBM Compatible
; OPERATING SYSTEM:  IBM P.C. DOS 5.0
; SOFTWARE:  Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/08/584,040
; FILING DATE:  January 11, 1996
; CLASSIFICATION:  514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:  60/005,974
; FILING DATE:  October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME:  Warburg, Richard J.
; REGISTRATION NUMBER:  32,327
; REFERENCE/DOCKET NUMBER:  218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  (213) 489-1600
; TELEFAX:  (213) 955-0440
; TELEX:  67-3510
; INFORMATION FOR SEQ ID NO:  3053:
; SEQUENCE CHARACTERISTICS:
; LENGTH:  18 base pairs
; TYPE:  nucleic acid
; STRANDEDNESS:  single
; TOPOLOGY:  linear
; US-08-584-040-3053

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 440 AGCAGCAGCGGACATCG 457
Db 1 AGGAGCAGGACGCG 18

RESULT 653
US-09-677-218B-64/C
; Sequence 64, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT:  Lyamichev, Victor I.
; APPLICANT:  Brow, Mary Ann D.
; APPLICANT:  Fors, Lance P.
; APPLICANT:  Neri, Bruce P.
; TITLE OF INVENTION:  TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION:  STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES:  68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  MEDLEN & CARROLL, LLP
; STREET:  220 Montgomery Street, Suite 2200
; CITY:  San Francisco
; STATE:  CA
; COUNTRY:  USA
; ZIP:  94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  Floppy disk
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/09/677,218B
; FILING DATE:  02-Oct-2000
; CLASSIFICATION:  <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:  09/034,205
; FILING DATE:  <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME:  MacKnight, Kamrin T.
; REGISTRATION NUMBER:  38,230
; REFERENCE/DOCKET NUMBER:  FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  (415) 705-8410
```

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 64:  
IS-09-677-218B-64

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1846 TTCTAGAGGGGTGGCTG 1863  
b 18 TCCAGAGGGGAGGCTG 1

RESULT 654

IS-09-677-192-64/c

Sequence 64, Application US/09677192

Patent No. 6358691

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Fors, Lance

APPLICANT: Neri, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING

FILE REFERENCE: OLIGONUCLEOTIDES

FILE REFERENCE: FORS-04708

CURRENT APPLICATION NUMBER: US/09/677,192

CURRENT FILING DATE: 2000-10-02

PRIOR APPLICATION NUMBER: 09/034,205

PRIOR FILING DATE: 1998-03-03

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 64

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

IS-09-677-192-64

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1846 TTCTAGAGGGGTGGCTG 1863  
b 18 TCCAGAGGGGAGGCTG 1

RESULT 655

IS-09-000-286A-23/c

Sequence 23, Application US/09000286A

Patent No. 6449562

GENERAL INFORMATION:

APPLICANT: Luminex Corporation

APPLICANT: Chandler, Van S.

APPLICANT: Fulton, Jerrold R.

APPLICANT: Chandler, Mark B.

TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

FILE REFERENCE: 112802.500

CURRENT APPLICATION NUMBER: US/09/000,286A

CURRENT FILING DATE: 1998-08-18

PRIOR APPLICATION NUMBER: PCT/US96/16198

PRIOR FILING DATE: 1996-10-10

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PatentIn version 3.1

; SEQ ID NO 23  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-000-286A-23

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1994 TCTCTAATTCGCAGGT 2011  
Db 18 TCTCTTCTTCTCCAGGT 1

RESULT 656

US-09-000-286A-24

; Sequence 24, Application US/09000286A

; Patent No. 6449562

; GENERAL INFORMATION:

; APPLICANT: Luminex Corporation

; APPLICANT: Chandler, Van S.

; APPLICANT: Fulton, Jerrold R.

; APPLICANT: Chandler, Mark B.

; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

; FILE REFERENCE: 112802.500

; CURRENT APPLICATION NUMBER: US/09/000,286A

; CURRENT FILING DATE: 1998-08-18

; PRIOR APPLICATION NUMBER: PCT/US96/16198

; PRIOR FILING DATE: 1996-10-10

; NUMBER OF SEQ ID NOS: 34

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 24

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-000-286A-24

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1994 TCTCTAATTCGCAGGT 2011  
Db 1 TCTCTTCTTCTCCAGGT 18

RESULT 657

US-09-422-978-4124

; Sequence 4124, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Blumenfeld, Daniel

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4124

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-13429 for SEQ 190,  
US-09-422-978-4124

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1581 ATTTCCTATTTCTGTG 1598  
| | | | | | | | | | | | | | | | | |  
Db 1 ACTTCTCTGTCGTG 18

RESULT 658  
US-09-422-978-5112/c  
; Sequence 5112, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5112  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-20928 for SEQ 1178,  
US-09-422-978-5112

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 GTGGTCTTACAGTGGC 849  
| | | | | | | | | | | | | | | | | |  
Db 18 GAGGTTTACAGTGGC 1

RESULT 659  
US-09-422-978-7274  
; Sequence 7274, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7274  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens

FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-3391 for SEQ 3340,  
US-09-422-978-7274

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CACAAAGCCAAATGCTGAG 249  
| | | | | | | | | | | | | | | | | |  
Db 1 CACCAAGCCAAATGATGAG 18

RESULT 660  
US-09-371-772B-1481  
; Sequence 1481, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1481  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1481

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 440 AGCAGCAGCAGCATCG 457  
| | | | | | | | | | | | | | | | | |  
Db 1 AGGAGCAGAGGACAGCG 18

RESULT 661  
US-08-050-743-38/c  
; Sequence 38, Application US/08050743  
; Patent No. 5447839  
; GENERAL INFORMATION:  
; APPLICANT: Bauer, Heidi M.  
; APPLICANT: Greer, Catherine E.  
; APPLICANT: Manos, Michele  
; APPLICANT: Resnick, Robert M.  
; APPLICANT: Ting, Yi  
; TITLE OF INVENTION: Detection of Human Papillomavirus by the  
; TITLE OF INVENTION: Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.A.  
; ZIP: 07110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,743  
FILING DATE:

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Sias, Stacey R.  
REGISTRATION NUMBER: 32,630

REFERENCE/DOCKET NUMBER: 8793  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2863  
TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

S-08-050-743-38

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 560 ATCACCAGAGGTCCTGT 577

|||||

b 19 ATCACCAGATGTCAGT 2

RESULT 662

S-08-474-542A-190/c

Sequence 190, Application US/08474542A

Patent No. 5527898

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESSES:

ADDRESS: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/474,542A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9234

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-474-542A-190

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 ATCACCAGAGGTCCTGT 577

|||||

Db 19 ATCACCAGATGTCAGT 2

RESULT 663

US-08-457-648-190/c

Sequence 190, Application US/08457648

Patent No. 5639871

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESSES:

ADDRESS: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/457,648

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9205

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-457-648-190

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 ATCACCAGAGGTCCTGT 577

|||||

Db 19 ATCACCAGATGTCAGT 2

RESULT 664

US-08-452-055-38/c

Sequence 38, Application US/08452055

Patent No. 5705627

```
/
/ GENERAL INFORMATION:
/ APPLICANT: Bauer, Heidi M.
/ APPLICANT: Greer, Catherine E.
/ APPLICANT: Manos, Michele
/ APPLICANT: Resnick, Robert M.
/ APPLICANT: Ting, Yi
/ TITLE OF INVENTION: Detection of Human Papillomavirus by the
/ POLYMERASE CHAIN REACTION
/ NUMBER OF SEQUENCES: 85
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION NUMBER: US/08/452,055
/ FILING DATE:
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sias, Stacey R.
/ REGISTRATION NUMBER: 32,630
/ REFERENCE/DOCKET NUMBER: 9188
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2863
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 38:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ JS-08-452-055-38

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 560 ATCACGAGGTGTGTGT 577
DB 19 ATCACGAGTGTTCAGT 2

RESULT 665
US-08-817-926-36/c
; Sequence 36, Application US/08817926
; Patent No. 6001590
; GENERAL INFORMATION:
; APPLICANT: Kameda, Toshihiro
; APPLICANT: Suda, Hisako
; APPLICANT: Tamai, Yukio
; APPLICANT: Imawatsu, Akihiro
; APPLICANT: Kato, No. 6001590uo
; APPLICANT: Sakai, Yasuyoshi
; TITLE OF INVENTION: PROMOTER/TERMINATOR FOR CANDIDA BOIDINII
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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/
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/817,926
/ FILING DATE: 09-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/JP96/02597
/ FILING DATE: 12-SEP-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 234133/1995
/ FILING DATE: 12-SEP-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 42536/1996
/ FILING DATE: 29-FEB-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bent, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 081356/0112
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)672-5300
/ TELEFAX: (202)672-5399
/ TELEX: 904136
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "synthetic DNA"
/ US-08-817-926-36

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 152 TGAAGCTCACCAGATCC 169
DB 18 TGAAGCCCAATGAATCC 1

RESULT 666
US-09-254-325-10/c
; Sequence 10, Application US/09254325
; Patent No. 6090607
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: ENHANCED EXPRESSION OF
; PROTEOLYTIC ENZYMES IN KOJI MOLDS
; NUMBER OF SEQUENCES: 17
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/254,325
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
/ US-09-254-325-10

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

APPLICANT: Mandrekar, Michele

APPLICANT: Gemmill, Robert M.

US-09-102-491-8

OTHER INFORMATION: Description of Artificial Sequence: Primer

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED

; FILE REFERENCE: 93445-00004

; CURRENT APPLICATION NUMBER: US/09/268,140

; CURRENT FILING DATE: 2000-03-12

; PRIOR APPLICATION NUMBER: US 60/077,723

; PRIOR FILING DATE: 1998-03-12

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 38

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-268-140-38

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 144 CCACCCCAATGAAGCCTCA 161

|||||

Db 1 CCACCCCAATGAAGCCTCA 18

RESULT 671

US-09-406-064-95

; Sequence 95, Application US/09406064

; Patent No. 6270973

; GENERAL INFORMATION:

; APPLICANT: Schultz, John W

; APPLICANT: Lewis, Martin K.

; APPLICANT: Leippe, Donna

; APPLICANT: Mandrekar, Michelle

; APPLICANT: Kephart, Daniel

; APPLICANT: Rhodes, Richard B

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Wood, Keith V.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION

; FILE REFERENCE: PRO-107.0 (6868/75532)

; CURRENT APPLICATION NUMBER: US/09/406,064

; CURRENT FILING DATE: 1999-09-27

; EARLIER APPLICATION NUMBER: 09/358,972

; EARLIER FILING DATE: 1999-07-21

; EARLIER APPLICATION NUMBER: 09/252,436

; EARLIER FILING DATE: 1999-02-18

; EARLIER APPLICATION NUMBER: 09/042,287

; EARLIER FILING DATE: 1998-03-13

; NUMBER OF SEQ ID NOS: 99

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 95

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-406-064-95

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAGGACGACCCCAAG 912

|||||

Db 2 ATCAGGACGACCCCAAG 19

RESULT 672

US-09-286-959B-9/c

; Sequence 9, Application US/09286959B

; Patent No. 6300131

; GENERAL INFORMATION:

; APPLICANT: Johns Hopkins University

; APPLICANT: Greider, Carol W.

; APPLICANT: Le, Siyuan

; TITLE OF INVENTION: TELOMERASE-ASSOCIATED PROTEINS

; FILE REFERENCE: 07265/157001

; CURRENT APPLICATION NUMBER: US/09/286,959B

; CURRENT FILING DATE: 1999-04-06

; PRIOR APPLICATION NUMBER: 60/080,783

; PRIOR FILING DATE: 1998-04-06

; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 9

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-286-959B-9

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 TCCAGGAAGTGGGACC 694

|||||

Db 19 TCCAGGAAGTGGGACC 2

RESULT 673

US-09-228-324A-46/c

; Sequence 46, Application US/09228324A

; Patent No. 6335184

; GENERAL INFORMATION:

; APPLICANT: Reyes, Antonio A

; APPLICANT: Wallace, Robert B.

; APPLICANT: Ugozzoli, Luis A.

; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids

; FILE REFERENCE: 3239-103P

; CURRENT APPLICATION NUMBER: US/09/228,324A

; CURRENT FILING DATE: 1999-01-11

; PRIOR APPLICATION NUMBER: US 08/826,532

; PRIOR FILING DATE: 1997-04-02

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 46

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (19)\_

; OTHER INFORMATION: "non-replicable element"-atc

US-09-228-324A-46

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 808 ATGGAGATGTTCCAGCCT 825

|||||

Db 19 ATGGATGTTGTTCTGCCT 2

RESULT 674

US-08-857-046A-1

; Sequence 1, Application US/08857046A

; Patent No. 6361938

; GENERAL INFORMATION:

; APPLICANT: O'Mahony, Daniel J

; APPLICANT: Alvarez, Vernon L

; APPLICANT: Seveso, Michela

; TITLE OF INVENTION: Peptides Which Enhance Transport Across

; TITLE OF INVENTION: Tissues and Methods of Identifying and Using the Same

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

ADDRESSEE: Mary L. Severson, Ph.D., Esq.

STREET: 1300 Gould Drive

CITY: Gainesville

STATE: GA

COUNTRY: USA

ZIP: 30504

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,046A

FILING DATE: 15-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/006461

FILING DATE: 10-NOV-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IE 950864

FILING DATE: 10-NOV-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/746,411

FILING DATE: 08-NOV-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/IE96/00073

FILING DATE: 11-NOV-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/IE96/00072

FILING DATE: 11-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Severson, Mary L

REGISTRATION NUMBER: 34,927

REFERENCE/DOCKET NUMBER: 97.1061.US

TELEPHONE: 770 534-8239

TELEFAX: 770 534-8247

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "gene VIII primer ELN 71"

S-08-857-046A-1

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1460 AGGAGGAGAGCCGAGAG 1477

b 1 AGTAGCAGAGCCCTGAAG 18

RESULT 675

S-09-383-316-13

Sequence 13, Application US/09383316

Patent No. 6391551

GENERAL INFORMATION:

APPLICANT: Schultz, John W

APPLICANT: Lewis, Martin K.

APPLICANT: Lieppe, Donna

APPLICANT: Mandrek, Michelle

APPLICANT: Kephart, Daniel

APPLICANT: Rhodes, Richard B.

APPLICANT: Andrews, Christine A.

APPLICANT: Hartnett, James R.

APPLICANT: Gu, Trent

APPLICANT: Olson, Ryan J.

APPLICANT: Wood, Keith W.

APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: PRO-104 6868/75529

; CURRENT APPLICATION NUMBER: US/09/383,316

; CURRENT FILING DATE: 1999-08-25

; PRIOR APPLICATION NUMBER: 09/252,436

; PRIOR FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: 09/042,287

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; NUMBER OF SEQ ID NOS: 123

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 13

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: probe for human cystic fibrosis gene

US-09-383-316-13

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAAG 912

Db 2 ATCATAGGAACACCAAG 19

RESULT 676

US-09-360-416-106

; Sequence 106, Application US/09360416

; Patent No. 6458536

; GENERAL INFORMATION:

; APPLICANT: Richard A. Gatti

; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA

; FILE REFERENCE: S10015-222

; CURRENT APPLICATION NUMBER: US/09/360,416

; CURRENT FILING DATE: 1999-07-23

; NUMBER OF SEQ ID NOS: 143

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 106

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Human

US-09-360-416-106

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 234 CAAAGCCATGCTGAGGA 251

Db 1 CAAAGCCTATGATGAGAA 18

RESULT 677

US-09-573-252-1

; Sequence 1, Application US/09573252

; Patent No. 6521737

; GENERAL INFORMATION:

; APPLICANT: O'Mahony, Daniel J

; TITLE OF INVENTION: Peptides Which Enhance Transport Across

; Tissues and Methods of Identifying and Using the Same

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Mary L. Severson, Ph.D., Esq.

; STREET: 1300 Gould Drive

; CITY: Gainesville

; STATE: GA

; COUNTRY: USA

; ZIP: 30504

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/573,252
; FILING DATE: 19-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,411
; FILING DATE: 08-NOV-1996
; APPLICATION NUMBER: US 60/06461
; FILING DATE: 10-NOV-1995
; APPLICATION NUMBER: IE 950865
; FILING DATE: 10-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Severson, Mary L
; REGISTRATION NUMBER: 34,927
; REFERENCE/DOCKET NUMBER: 96.1060.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 770 534-8239
; TELEFAX: 770 534-8247
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "gene VIII primer ELN 71"
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-573-252-1

Query Match          0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1460 AGGAGGAGGAGCCAGGAG 1477
Db 1 AGTAGAGAGGAGCCTGAAG 18

RESULT 678
US-09-422-978-4050/c
; Sequence 4050, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4050
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-12926 for SEQ 116,
US-09-422-978-4050

Query Match          0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1460 AGGAGGAGGAGCCAGGAG 1477
Db 1 AGTAGAGAGGAGCCTGAAG 18

RESULT 679
US-09-422-978-4973/c
; Sequence 4973, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4973
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-1955 for SEQ 1039,
US-09-422-978-4973

Query Match          0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1587 TATTCTCTGTGTATTTA 1604
Db 18 TATTCTCTGGGCTTTTA 1

RESULT 680
US-09-422-978-6092/c
; Sequence 6092, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6092
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-8872 for SEQ 2158,
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S-09-422-978-6092

Query Match 0.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1119 CCAGAACACGATAGTA 1136  
b 19 CCAGAACACCAAGAGAA 2

RESULT 681

US-09-422-978-7300  
Sequence 7300, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7300  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-3524 for SEQ 3366,  
S-09-422-978-7300

Query Match 0.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1394 AAACAGAGGATGAAAAG 1411  
b 2 AAAGAGAGGAAGAAAAG 19

RESULT 682

US-09-422-978-7654  
Sequence 7654, Application US/09422378  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7654  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:

NAME/KEY: primer\_bind

LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-9915 for SEQ 3720,  
US-09-422-978-7654

Query Match 0.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 889 CTAACATATCAAGGACAC 906  
Db 2 CTAACATATGAGGACTC 19

RESULT 683

US-09-422-978-8884  
Sequence 8884, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 8884  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer 99-18982 for SEQ 1019, in complete  
US-09-422-978-8884

Query Match 0.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 847 GGCTCAGACTCCCTATCT 864  
Db 1 GGCTTAGACTCCATATTT 18

RESULT 684

US-09-096-724B-38  
Sequence 38, Application US/09096724B  
Patent No. 6548290  
GENERAL INFORMATION:  
APPLICANT: McGarry, Thomas J.  
APPLICANT: Kroll, Kristen  
APPLICANT: Kirschner, Marc W.  
TITLE OF INVENTION: Geminin Gene and Protein  
FILE REFERENCE: 0725.1055-001  
CURRENT APPLICATION NUMBER: US/09/096,724B  
CURRENT FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/085,371  
PRIOR FILING DATE: 1998-05-13  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 38  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

```
; OTHER INFORMATION: primers
US-09-096-724B-38

Query Match          0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 327 CAAGCAGATCGAGATT 344
Db 1 CAACAGACGAGATT 18

RESULT 685
US-09-788-847-95
; Sequence 95, Application US/09788847
; Patent No. 6653078
; GENERAL INFORMATION:
; APPLICANT: Schultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/788,847
; CURRENT FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 09/406,064
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 95
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-788-847-95

Query Match          0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAAG 912
Db 2 ATCATGGAACACCAAG 19

RESULT 686
US-07-874-334-13
; Sequence 13, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018

; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-874-334-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 AAAACAGAGGATGAAAA 1410
Db 2 AAAAGAAAGGAGAAAA 19

RESULT 687
US-08-031-143B-11
; Sequence 11, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
```

## TOPOLOGY: UNKNOWN

MOLECULE TYPE: OLIGONUCLEOTIDE  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
INDIVIDUAL ISOLATE: IL-2R  
JS-08-031-143B-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1076 GACCAGATTCAAGCTCC 1093  
|||||  
3b 1 GACCTAATATCAAGCTCC 18

## RESULT 688

JS-08-587-209-9/c  
Sequence 9, Application US/08587209  
Patent No. 5612473

## GENERAL INFORMATION:

APPLICANT: Wu, Linxian  
APPLICANT: Coombs, Jana  
APPLICANT: Malmstrom, Sharon L.  
APPLICANT: Glass, Michael J.  
TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying,  
and Discriminating Multiple Analytes  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David O. Seeley, Esq.  
ADDRESSEE: Workman, Nydegger & Seeley  
STREET: 1000 Eagle Gate Tower  
CITY: Salt Lake City  
STATE: Utah  
COUNTRY: USA  
ZIP: 84111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch,  
MEDIUM TYPE: 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.0a for WINDOWS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/587,209  
FILING DATE: 16-JAN-1996

CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

JS-08-587-209-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1450 GAGAAACCAAGGAGGAG 1467  
|||||  
3b 18 GAGAAACCAAGGAGGAG 1

## RESULT 689

JS-08-598-591-23/c  
Sequence 23, Application US/08598591  
Patent No. 5654155

## GENERAL INFORMATION:

APPLICANT: Allen, Antonette C.  
APPLICANT: Alvares, Christopher P.  
APPLICANT: Critz, Brenda S.  
APPLICANT: Murphy Patricia D.  
APPLICANT: Olson, Sheri J.  
APPLICANT: Schelter, Denise B.  
APPLICANT: Zeng, Bin  
TITLE OF INVENTION: A Consensus Sequence of the Human BRCA1 Gene  
Patent No. 5654155  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince St.  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/598,591  
FILING DATE: herewith  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Swecker, Robert S.  
REGISTRATION NUMBER: 19,885  
REFERENCE/DOCKET NUMBER: 020160-282  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-8620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
STRAIN: 11CF1 primer  
US-08-598-591-23

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 846 TGGCTCAGACTCCCTATC 863  
Db 19 TGATTGAGACTCCCAATC 2

## RESULT 690

US-08-664-487A-10  
Sequence 10, Application US/08664487A  
Patent No. 5731181

## GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.  
TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING  
TITLE OF INVENTION: NON-NATURAL NUCLEOTIDES  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS



MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/798,691  
FILING DATE: 12-Feb-97  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas Gallegos  
REGISTRATION NUMBER: 32,692  
REFERENCE/DOCKET NUMBER: BA-0054CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-527-2051  
TELEFAX: 301-208-6997  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
STRAIN: 11CF1 primer  
US-08-798-691-27

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

846 TGGCTCAGACTCCCTATC 863  
19 TGATTCAGACTCCCATC 2

## RESULT 694

US-08-689-235-9/c  
Sequence 9, Application US/08689235  
Patent No. 5753444

## GENERAL INFORMATION:

APPLICANT: Wu, Linxian  
APPLICANT: Coombs, Jana  
APPLICANT: Malmstrom, Sharon L.  
APPLICANT: Glass, Michael J.  
TITLE OF INVENTION: Methods and Apparatus for  
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:

ADDRESSEE: David O. Seeley, Esq.  
ADDRESSEE: Workman, Nydegger & Seeley  
STREET: 1000 Eagle Gate Tower  
STREET: 60 East South Temple  
CITY: Salt Lake City  
STATE: Utah  
COUNTRY: USA  
ZIP: 84111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch,  
MEDIUM TYPE: 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.0a for WINDOWS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/689,235  
FILING DATE: 16-JAN-1996  
CLASSIFICATION: 435

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

## US-08-689-235-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCCAGGAGGAG 1467  
18 GAGAAACCCATGGAAGAG 1

## RESULT 695

US-08-692-725-9/c  
Sequence 9, Application US/08692725  
Patent No. 5756701

## GENERAL INFORMATION:

APPLICANT: Wu, Linxian  
APPLICANT: Coombs, Jana  
APPLICANT: Malmstrom, Sharon L.  
APPLICANT: Glass, Michael J.  
TITLE OF INVENTION: Methods and Apparatus for  
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:

ADDRESSEE: David O. Seeley, Esq.  
ADDRESSEE: Workman, Nydegger & Seeley  
STREET: 1000 Eagle Gate Tower  
STREET: 60 East South Temple  
CITY: Salt Lake City  
STATE: Utah  
COUNTRY: USA  
ZIP: 84111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch,  
MEDIUM TYPE: 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.0a for WINDOWS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/692,725  
FILING DATE: 16-JAN-1996  
CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

## US-08-692-725-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCCAGGAGGAG 1467  
18 GAGAAACCCATGGAAGAG 1

## RESULT 696

US-08-640-517A-12  
Sequence 12, Application US/08640517A  
Patent No. 5760012

## GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.  
APPLICANT: Cole-Strauss, Allyson  
APPLICANT: Yoon, Kyongsu  
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR CURING  
TITLE OF INVENTION: DISEASES CAUSED BY MUTATIONS  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pernie & Edmonds



```
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,517A
; FILING DATE: May 1, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebel, Thomas E
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-640-517A-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCAGGACAG 1642
   ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 697
US-08-640-517A-16
; Sequence 16, Application US/08640517A
; Patent No. 5760012
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Cole-Strauss, Allyson
; TITLE OF INVENTION: METHODS AND COMPOUNDS FOR CURING
; TITLE OF INVENTION: DISEASES CAUSED BY MUTATIONS
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,517A
; FILING DATE: May 1, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebel, Thomas E
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-640-517A-16

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCAGGACAG 1642
   ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 698
US-08-592-658-4/c
; Sequence 4, Application US/08592658
; Patent No. 5773695
; GENERAL INFORMATION:
; APPLICANT: Thompson, William F.
; APPLICANT: Hall Jr., Gerald
; APPLICANT: Spiker, Steven
; APPLICANT: Allen, George C.
; TITLE OF INVENTION: PLANT NUCLEAR SCAFFOLD ATTACHMENT REGION
; TITLE OF INVENTION: AND METHODS OF INCREASING GENE EXPRESSION IN TRANSGENIC
; TITLE OF INVENTION: PLANTS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and
; ADDRESSEE: Gibson
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: No. 5773695th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,658
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5051-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-420-2200
; TELEFAX: 919-881-3175
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-592-658-4

Query Match 0.6%; Score 13.2; DB 1; Length 20;
```

Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 381 GTTTGAGTTCGTGTCAGTT 398  
|||||  
3b 20 GTTCGGTTCGTGTCAGTT 3

RESULT 699  
JS-08-176-427B-28  
Sequence 28, Application US/08176427B  
Patent No. 5789543  
GENERAL INFORMATION:  
APPLICANT: Ingham, Phillip W.  
APPLICANT: McMahon, Andrew P.  
APPLICANT: Tabin, Clifford J.  
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII(text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/176.427B  
FILING DATE: 30-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: HMI-006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
JS-08-176-427B-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1436 AAGTCACCGCAGAGAGA 1453  
|||||  
3b 1 AAGTCACCGCAGAGAGA 18

RESULT 700  
JS-08-982-867-10  
Sequence 10, Application US/08982867  
Patent No. 5795972  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York

STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/982.867  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/664,487  
FILING DATE: 9-Sept-1996  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-982-867-10

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCGAGGACAG 1642  
|||||  
Db 3 AACACAGCCCAAGGACAG 20

RESULT 701  
US-08-982-867-14  
Sequence 14, Application US/08982867  
Patent No. 5795972  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/982.867  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/664,487  
FILING DATE: 9-Sept-1996  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-982-867-14

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCGAGGACAG 1642
    ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 702
US-08-568-271-1
; Sequence 1, Application US/08568271
; Patent No. 5800990
; GENERAL INFORMATION:
; APPLICANT: RAYNOLDS, MARY V.
; APPLICANT: PERRYMAN, M. BENJA
; TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME GENETIC
; TITLE OF INVENTION: VARIANT SCREENS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DILWORTH & BARRESE
; STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: U.S.A.
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/568,271
; FILING DATE: 06-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: PEPPER PH.D., FREDERICK W.
; REGISTRATION NUMBER: 31,286
; REFERENCE/DOCKET NUMBER: 491-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4410
; TELEFAX: 619-453-2839
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-568-271-1

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 CTCGCTATGCTGATGCTG 957
    ||||| ||||| ||||| |||||
Db 2 CTCGCCGCTGCTGTGCTG 19

RESULT 703
US-08-592-126-52
; Sequence 52, Application US/08592126
; Patent No. 5821091
; GENERAL INFORMATION:
; APPLICANT: Gregory Dolganov
; TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
; TITLE OF INVENTION: Polypeptides
```

```
; NUMBER OF SEQUENCES: 151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,126
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: oligonucleotide #4578
US-08-592-126-52

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1029 GGAGATCCCTAATGAGCT 1046
    ||||| ||||| ||||| |||||
Db 3 GGAGATCTCTTAAGAGCT 20

RESULT 704
US-08-571-983-12/c
; Sequence 12, Application US/08571983
; Patent No. 5824837
; GENERAL INFORMATION:
; APPLICANT: Chen, Howard
; APPLICANT: Hofmann, Kathryn J
; APPLICANT: Shaw, Alan R
; APPLICANT: Trumbauer, Myrna E
; APPLICANT: Van der Ploeg, Leonardus
; APPLICANT: Zheng, Hui
; TITLE OF INVENTION: Expression of Human Interleukin-1B in a
; TITLE OF INVENTION: Transgenic Animal
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christine E. Carty
; STREET: P.O. Box 2000, 126 E. Lincoln Avenue
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/08/571,983  
FILING DATE: 22-APR-1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/096,943  
FILING DATE: 22-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Carthy, Christine E  
REGISTRATION NUMBER: 36,099  
REFERENCE/DOCKET NUMBER: 19037  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)594-6734  
TELEFAX: (908)594-4720  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-571-983-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

iy 1331 CTGAAGAGGAGGAGG 1348  
|||  
ib 19 CCGAAGAGGAGGAGTGG 2

RESULT 705  
US-08-452-967-2/c  
Sequence 2, Application US/08452967  
Patent No. 5837858  
GENERAL INFORMATION:  
APPLICANT: BRENNAN, THOMAS M.  
TITLE OF INVENTION: APPARATUS AND METHOD FOR POLYMER  
TITLE OF INVENTION: SYNTHESIS USING ARRAYS  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Flehr Hobbach Test Albritton & Herbert, LLP  
STREET: Four Embarcadero Center, Ste. 3400  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/452,967  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/142,593  
FILING DATE: 22-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-58607-1/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA

US-08-452-967-2

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1426 GAGAAGAAAGAGTCACC 1443  
|||  
Db 19 GAAACCAAGAGTGACC 2

RESULT 706  
US-08-332-766A-59  
Sequence 59, Application US/08332766A  
Patent No. 5843647  
GENERAL INFORMATION:  
APPLICANT: JEFFREYS, Alec J.  
APPLICANT: ARMOUR, John  
TITLE OF INVENTION: SIMPLE TANDEM REPEATS  
NUMBER OF SEQUENCES: 125  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D. C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/332,766A  
FILING DATE: 01-NOV-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9326052.9  
FILING DATE: 21-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: BIRD, Donald J.  
REGISTRATION NUMBER: 25,323  
REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 59:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-332-766A-59

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1679 TGAGCTCTCCAGGAGCC 1696  
|||  
Db 3 TGAGTTATCCAGGAGCC 20

RESULT 707  
US-08-356-060A-28  
Sequence 28, Application US/08356060A  
Patent No. 5844079  
GENERAL INFORMATION:  
APPLICANT: Ingham, Phillip W.  
APPLICANT: McMahon, Andrew P.  
APPLICANT: Tabin, Clifford J.

```
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
;
; TITLE OF INVENTION: Proteins and Uses Related Thereto
;
; NUMBER OF SEQUENCES: 47
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,060A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMI-006CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
;
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
; US-08-356-060A-28
;
; Query Match 0.6%; Score 13.2; DB 1; Length 20;
; Best Local Similarity 83.3%; Pred. No. 5.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1436 AAGTCACCGAAGAGGAGA 1453
;
; Db 1 AAGTCACCGAAGAGGAGA 18
;
; RESULT 708
; US-08-692-726-9/c
; Sequence 9, Application US/08692726
; Patent No. 5846783
;
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
;
; TITLE OF INVENTION: Methods and Apparatus for Preparing,
; TITLE OF INVENTION: Amplifying, and Discriminating Multiple Analytes
;
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
```

```
; SOFTWARE: WordPerfect 6.0a for WINDOWS
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,726
; FILING DATE: 06-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/587,209
; FILING DATE: 16-JAN-1996
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
; US-08-692-726-9
;
; Query Match 0.6%; Score 13.2; DB 1; Length 20;
; Best Local Similarity 83.3%; Pred. No. 5.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1450 GAGAAACCAAGGAGGAG 1467
;
; Db 18 GAGAAACCAAGGAGGAG 1
;
; RESULT 709
; US-08-117-952-476/c
; Sequence 476, Application US/08117952
; Patent No. 5851760
;
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
;
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
;
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
;
; INFORMATION FOR SEQ ID NO: 476:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
; US-08-117-952-476
```

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1968 AACACTGCTGCGCTCT 1985  
 b 19 AAGACTGACTGCGCACT 2

## RESULT 710

US-08-414-657D-29  
 Sequence 29, Application US/084114657D  
 Patent No. 5861283

## GENERAL INFORMATION:

APPLICANT: Levitt, Pat  
 APPLICANT: Pimenta, Aurea  
 APPLICANT: Fischer, Itzhak  
 APPLICANT: Zhukareva, Victoria  
 TITLE OF INVENTION: Limbic System-Associated Membrane  
 TITLE OF INVENTION: Protein and DNA  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Dechert Price & Rhoads  
 STREET: 997 Lenox Drive, Building 3, Suite 210  
 CITY: Lawrenceville  
 STATE: NJ

COUNTRY: USA

ZIP: 08543

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/414,657D  
 FILING DATE: 31-MAR-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:

## FILING DATE:

## ATTORNEY/AGENT INFORMATION:

NAME: Bloom, Allen  
 REGISTRATION NUMBER: 29,135  
 REFERENCE/DOCKET NUMBER: 317743-102  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-520-3214  
 TELEFAX: 609-520-3259  
 TELEX:

## INFORMATION FOR SEQ ID NO: 29:

## SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

S-08-414-657D-29

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1470 GCCAGAGCCCAAGGGGT 1487  
 b 2 GCCAGAGCCCACTGGT 19

## RESULT 711

S-08-414-657D-31  
 Sequence 31, Application US/084114657D  
 Patent No. 5861283

## GENERAL INFORMATION:

APPLICANT: Levitt, Pat  
 APPLICANT: Pimenta, Aurea  
 APPLICANT: Fischer, Itzhak

APPLICANT: Zhukareva, Victoria  
 TITLE OF INVENTION: Limbic System-Associated Membrane  
 TITLE OF INVENTION: Protein and DNA  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Dechert Price & Rhoads  
 STREET: 997 Lenox Drive, Building 3, Suite 210  
 CITY: Lawrenceville  
 STATE: NJ  
 COUNTRY: USA

ZIP: 08543

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/414,657D  
 FILING DATE: 31-MAR-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:

## FILING DATE:

## ATTORNEY/AGENT INFORMATION:

NAME: Bloom, Allen  
 REGISTRATION NUMBER: 29,135  
 REFERENCE/DOCKET NUMBER: 317743-102  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-520-3214  
 TELEFAX: 609-520-3259  
 TELEX:

## INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-414-657D-31

## Query Match

Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1470 GCCAGAGCCCAAGGGGT 1487  
 Db 2 GCCAGAGCCCACTGGT 19

## RESULT 712

US-09-205-922-2/c

Sequence 2, Application US/09205922  
 Patent No. 5951455

## GENERAL INFORMATION:

APPLICANT: Lex M. Cowser  
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION  
 FILE REFERENCE: RTS-0030  
 CURRENT APPLICATION NUMBER: US/09/205,922  
 CURRENT FILING DATE: 1998-12-04  
 NUMBER OF SEQ ID NOS: 87

## SEQ ID NO 2

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-09-205-922-2

## Query Match

Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 949 CTGATGCTGGAGCGGT 966  
 |||||

```

1 COUNTRY: USA
2 ZIP: 10154
3 COMPUTER READABLE FORM:
4 MEDIUM TYPE: FLOPPY DISK
5 COMPUTER: IBM PC COMPATIBLE
6 OPERATING SYSTEM: PC-DOS/MS-DOS
7 SOFTWARE: ASCII
8 CURRENT APPLICATION DATA:
9 APPLICATION NUMBER:
10 FILING DATE:
11 ATTORNEY/AGENT INFORMATION:
12 NAME: KATHRYN M. BROWN
13 REGISTRATION NUMBER: 34,556
14 REFERENCE/DOCKET NUMBER: 2026-4201
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: (212) 758-4800
17 TELEFAX: (212) 751-6849
18 INFORMATION FOR SEQ ID NO: 11:
19 SEQUENCE CHARACTERISTICS:
20 LENGTH: 20
21 TYPE: nucleic acid
22 STRANDEDNESS: Unknown
23 TOPOLOGY: Linear
24 MOLECULE TYPE: other nucleic acid
25 US-08-538-711A-11
26
27 Query Match 0.6%; Score 13.2; DB 1; Length 20;
28 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
29 Matches 15; Conservative 0; Mismatches 3; Indels
30
31 QY 1252 GACGAAGACGACCGCTGAC 1269
32 |||||
33 Db 20 GACGAACACGACCGGAC 3
34
35 RESULT 715
36 US-08-904-901-121
37 Sequence 121, Application US/08904901
38 Patent No. 5998383
39 GENERAL INFORMATION:
40 APPLICANT: Wright, Jim A.
41 APPLICANT: Young, Aiping H.
42 TITLE OF INVENTION: ANTI-TUMOR ANTISENSE SEQUENCES DIRECTED
43 TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
44 NUMBER OF SEQUENCES: 163
45 CORRESPONDENCE ADDRESS:
46 ADDRESSEE: KOHN & ASSOCIATES
47 STREET: 30500 No. 5998383thwestern Hwy. Suite 410
48 CITY: Farmington Hills
49 STATE: Michigan
50 COUNTRY: US
51 ZIP: 48334
52 COMPUTER READABLE FORM:
53 MEDIUM TYPE: Floppy disk
54 COMPUTER: IBM PC compatible
55 OPERATING SYSTEM: PC-DOS/MS-DOS
56 SOFTWARE: PatentIn Release #1.0, Version #1.30
57 CURRENT APPLICATION DATA:
58 APPLICATION NUMBER: US/08/904,901
59 FILING DATE:
60 CLASSIFICATION: 514
61 ATTORNEY/AGENT INFORMATION:
62 NAME: Kohn, Kenneth I.
63 REGISTRATION NUMBER: 30,955
64 REFERENCE/DOCKET NUMBER: 0227.00004
65 TELECOMMUNICATION INFORMATION:
66 TELEPHONE: (248) 539-5050
67 TELEFAX: (248) 539-5055
68 INFORMATION FOR SEQ ID NO: 121:

```

## SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES  
US-08-904-901-121

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1908 TCAGCCATTTTACATTG 1925  
||||| ||||| |||||  
3 TCAGCCATTTTCCATTG 20

## RESULT 716

US-08-825-487A-27/c  
Sequence 27, Application US/08825487A  
Patent No. 6048689

## GENERAL INFORMATION:

APPLICANT: Murphy, Patricia D.

APPLICANT: White, Marga B.

TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE

NUMBER OF SEQUENCES: 110

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howrey & Simon

STREET: 1299 Pennsylvania Avenue., N.W.

CITY: Washington,

STATE: DC

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/825.487A

FILING DATE: 28-MAR-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US98/060002

FILING DATE: 26-Mar-1998

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Albert P. Halluin

REGISTRATION NUMBER: 25,227

REFERENCE/DOCKET NUMBER: 05371.0012.999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-463-8100

TELEFAX: 650-463-8400

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ORIGINAL SOURCE:

STRAIN: 11CF1 primer

US-08-825-487A-27

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 846 TGGCTCAGACCTCCCTATC 863  
||||| ||||| |||||  
19 TGATTCAGACCTCCCATC 2

## RESULT 717

US-09-120-853-15  
Sequence 15, Application US/09120853  
Patent No. 6057437

## GENERAL INFORMATION:

APPLICANT: Kamiya, Kinya

APPLICANT: Matsuda, Yoko

APPLICANT: Uchida, Kiyoshi

TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND

FILE REFERENCE: 07898/030001

CURRENT APPLICATION NUMBER: US/09/120.853

CURRENT FILING DATE: 1998-07-21

EARLIER APPLICATION NUMBER: JP 213838/1997

EARLIER FILING DATE: 1997-07-25

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 15

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Artificial

OTHER INFORMATION: nucleic acid sequence

US-09-120-853-15

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1401 GGATGAAAGAGAGGA 1418

||||| ||||| |||||

1 GGAGGAAGAGAGGA 18

## RESULT 718

US-09-166-186-72  
Sequence 72, Application US/09166186A  
Patent No. 6080580

## GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION

FILE REFERENCE: ISPH-0322

CURRENT APPLICATION NUMBER: US/09/166.186A

CURRENT FILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 250

SEQ ID NO 72

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-09-166-186-72

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTCTGTATT 1602

||||| ||||| |||||

2 TCCATTCACTGTGTATT 19

## RESULT 719

US-09-166-186-83  
Sequence 83, Application US/09166186A  
Patent No. 6080580

## GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank



```
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanhua, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-83

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1978 TGCCTCTGCTGCTTC 1995
Db      |||||
        2 TCTCTCTGCTGCTATC 19

RESULT 720
US-08-660-645A-13
; Sequence 13, Application US/08660645A
; Patent No. 6087152
; GENERAL INFORMATION:
; APPLICANT: Hohmann, Hans-Peter
; APPLICANT: Pasamontes, Luis
; APPLICANT: Tessier, Michel
; APPLICANT: van Loon, Adolphus
; TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,645A
; FILING DATE: 07-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95108888.9
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokras, Bruce A.
; REGISTRATION NUMBER: 32,748
; REFERENCE/DOCKET NUMBER: RAN 6002/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-2363
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-660-645A-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
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```
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGCTCAGG 1664
Db      |||||
        1 CAAGGCCAGATCGCAGG 18

RESULT 721
US-09-249-730-121
; Sequence 121, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-121

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 TCAGCCATTTTAGATTG 1925
Db      |||||
        3 TCAGCCATTTTCCATTG 20

RESULT 722
US-09-298-718-13
; Sequence 13, Application US/09298718
; Patent No. 6124113
; GENERAL INFORMATION:
; APPLICANT: Hohmann, Hans-Peter
; APPLICANT: Pasamontes, Luis
; APPLICANT: Tessier, Michel
; APPLICANT: van Loon, Adolphus
; TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/298,718
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/660,645
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokras, Bruce A.
; REGISTRATION NUMBER: 32,748
; REFERENCE/DOCKET NUMBER: RAN 6002/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-5801
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-660-645A-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
```

APPLICANT: Murphy, Patricia D.  
APPLICANT: Allen, Antonette C.  
APPLICANT: Alvares, Christopher P.  
APPLICANT: Critz, Brenda S.  
APPLICANT: Olson, Sheri J.  
APPLICANT: Thurber, Denise  
APPLICANT: Zeng, Bin  
TITLE OF INVENTION: Coding Sequences of the Human  
TITLE OF INVENTION: BRCA1 Gene  
NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howrey & Simon  
STREET: 1299 Pennsylvania Avenue N. W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:

RESULT 725

US-08-973-273-24/c

Sequence 24, Application US/08973273

Patent No. 6140085

GENERAL INFORMATION:

APPLICANT: Dean, Caroline

APPLICANT: MacKnight, Richard C

APPLICANT: Bancroft, Ian K

APPLICANT: Lister, Clare K

TITLE OF INVENTION: Genetic Control of Flowering

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon & Vanderhye P.C.

STREET: 1100 No. 6140085th Glebe Road, 8th Floor

CITY: Arlington

STATE: Virginia

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973, 273

FILING DATE: 01-DEC-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB96/01332

FILING DATE: 03-JUN-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9511196.9

FILING DATE: 02-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Ms Mary J Willson

REGISTRATION NUMBER: 32,955

```
; REFERENCE/DOCKET NUMBER: 620-29
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Arabidopsis thaliana
; STRAIN: Columbia
; JS-08-973-273-24

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1042 GAGCTTCCATACAAATGAC 1059
Db      20 GAGCTGCCAAACAAATGAC 3

RESULT 726
US-09-429-323-30/c
; Sequence 30, Application US/09429323A
; Patent No. 6140126
; Patent No. 6140126, 6140123
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-30

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 GAGCGGAGCGCGGGCGG 18
Db      18 GAGCGGTGGCCCGGCGG 1

RESULT 727
US-09-288-461-44
; Sequence 44, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
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```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-44

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      497 CCAGGCACTCTGGCTTCT 514
Db      3 CCAGGCACTTGGCATCT 20

RESULT 728
US-08-460-900C-28
; Sequence 28, Application US/08460900C
; Patent No. 6165747
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Bumcrot, David A.
; APPLICANT: Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,900C
; FILING DATE: 5-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-460-900C-28

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1436 AAGTACCGAAGAGAGA 1453
```







```
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-2363
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-546-969-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGCTCAGG 1664
Db 1 CAAGGCCCGAGCTCAGG 18

RESULT 740
US-09-446-504-24
; Sequence 24, Application US/09446504
; Patent No. 6218150
; GENERAL INFORMATION:
; APPLICANT: UEMORI, Takashi
; APPLICANT: SATO, Yoshimi
; APPLICANT: FUJITA, Tomoko
; APPLICANT: MIYAKE, Kazue
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
; FILE REFERENCE: 1422-408PCT
; CURRENT APPLICATION NUMBER: US/09/446,504
; CURRENT FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: PCT/JP98/02845
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: JP 9-187496
; PRIOR FILING DATE: 1997-06-26
; PRIOR APPLICATION NUMBER: JP 9-320692
; PRIOR FILING DATE: 1997-11-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
; US-09-446-504-24

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1934 TTCGTACCTTCCCACTCG 1951
Db 1 TTCGTACAGTCCCTCTCG 18

RESULT 741
US-09-103-875-119/c
; Sequence 119, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES
```

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; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
; US-09-103-875-119

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TACAGTGTGGCTCAGACT 856
Db 19 TACGGGTGGCCAGACT 2

RESULT 742
US-09-313-932-72
; Sequence 72, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-72

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTT 1602
Db 2 TCCATTCACTCTGTGTTT 19

RESULT 743
US-09-313-932-83
; Sequence 83, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
```

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 83

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

JS-09-313-932-83

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1978 TGCCCTCTGTCTGCTTC 1995

2 TCCTCTCTGTCTGCTATC 19

RESULT 744

JS-09-313-932-319/c

Sequence 319, Application US/09313932A

Patent No. 6228642

GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-

FILE OF INVENTION: EXPRESSION

FILE REFERENCE: ISPH-0356

CURRENT APPLICATION NUMBER: US/09/313,932A

CURRENT FILING DATE: 1999-05-18

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 319

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

JS-09-313-932-319

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1674 CTGGGTAGCTCTTCCAG 1691

20 CTGGAGGGGTCTTCCAG 3

RESULT 745

JS-08-706-344C-6

Sequence 6, Application US/08706344C

Patent No. 6248555

GENERAL INFORMATION:

APPLICANT: TANZI, RUDOLPH

APPLICANT: WASCO, WILMA

TITLE OF INVENTION: Genetic Alterations Related To Familial

TITLE OF INVENTION: Alzheimer's Disease

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

STREET: 1100 NEW YORK AVENUE, SUITE 600

CITY: WASHINGTON

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/706,344C  
FILING DATE: 30-AUG-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/003,054  
FILING DATE: 31-AUG-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: KIM, JUDITH U.  
REGISTRATION NUMBER: 40,679  
REFERENCE/DOCKET NUMBER: 0609.4180001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-706-344C-6

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 414 TGTGCAAGTCTGTGAA 431

3 TGAGACAAAGTCCGTGAA 20

RESULT 746

US-08-725-027-11/c

Sequence 11, Application US/08725027

Patent No. 6251586

GENERAL INFORMATION:

APPLICANT: MULSHINE, JAMES, L.

APPLICANT: TOCKMAN, MELVIN, S.

TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND

TITLE OF INVENTION: DNA THEREOF FOR USE IN EARLY CANCER DETECTION

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/725,027

FILING DATE: 02-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/538,711

FILING DATE: 02-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: KATHRYN M. BROWN

REGISTRATION NUMBER: 34,556

REFERENCE/DOCKET NUMBER: 2026-4201US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: Unknown

TOPOLOGY: Linear

MOLECULE TYPE: other nucleic acid



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US-08-725-027-11
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 GACGAAGACGACCTGAC 1269
DB 20 GACGAACGACCGGAC 3

RESULT 747
US-09-042-353-162/c
Sequence 162, Application US/09042353
Patent No. 6255458
GENERAL INFORMATION:
APPLICANT: Lonberg, Nils
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for
producing Heterologous Antibodies
NUMBER OF SEQUENCES: 421
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,353
FILING DATE: 13-MAR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/810,279
FILING DATE: 17-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/853,408
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/904,068
FILING DATE: 23-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US96/16433
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/758,417
FILING DATE: 02-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/21803
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 014643-009040US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 162:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-042-353-162

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1653 CCGAGCTCAGGGCAGCT 1670
DB 19 CCGAGCTCAGCTCAGCT 2

RESULT 748
US-08-674-509B-28
Sequence 28, Application US/08674509B
Patent No. 6261786
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
APPLICANT: Marigo, Valeria
TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEHOG AGONISTS
AND ANTAGONISTS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/674,509B
FILING DATE: 02-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/460,900
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.06
TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-674-509B-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAAGAGGAGA 1453  
DB 1 AAGTCACCGAAGAGGAGA 18

RESULT 749

US-08-954-698-28  
Sequence 28, Application US/08954698  
Patent No. 62711363

GENERAL INFORMATION:

APPLICANT: Ingham, Phillip W.

APPLICANT: McMahon, Andrew P.

APPLICANT: Tabin, Clifford J.

TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing

TITLE OF INVENTION: Proteins and Uses Related Thereto

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/954,698

FILING DATE: 20-OCT-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/462,386

FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/435,093

FILING DATE: 04-MAY-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/356,060

FILING DATE: 14-DEC-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/176,427

FILING DATE: 30-DEC-1993

ATTORNEY/AGENT INFORMATION:

NAME: Vincent, Matthew P.

REGISTRATION NUMBER: 36,709

REFERENCE/DOCKET NUMBER: HMV-006.10

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1000

TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

Query Match

0.6%; Score 13.2; DB 1; Length 20;

US-08-954-698-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAAGAGGAGA 1453  
DB 1 AAGTCACCGAAGAGGAGA 18

RESULT 750

US-09-516-357-6/c

Sequence 6, Application US/09516357

Patent No. 6277581

GENERAL INFORMATION:

APPLICANT: O'BRIEN, Thomas G.

APPLICANT: GUO, Yong Jun

TITLE OF INVENTION: ODC ALLELIC ANALYSIS METHOD FOR ASSESSING CARCINOGENIC

TITLE OF INVENTION: SUSCEPTIBILITY

FILE REFERENCE: 209855.0082/32U1

CURRENT APPLICATION NUMBER: US/09/516,357

CURRENT FILING DATE: 2000-03-01

EARLIER APPLICATION NUMBER: US 60/122,302

EARLIER FILING DATE: 1999-03-01

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Second

OTHER INFORMATION: (nested) pair of primers in Example 1

US-09-516-357-6

Query Match

0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1556 TCCTCCCAACCCCTCAG 1573  
DB 18 TCCTCCCAACCCCTCAG 1

RESULT 751

US-09-254-733-34/c

Sequence 34, Application US/09254733

Patent No. 6277596

GENERAL INFORMATION:

APPLICANT: WATANABE, MANABU

APPLICANT: MORIYA, TATSUKI

APPLICANT: AOYAGI, KAORU

APPLICANT: SUMIDA, NAOMI

APPLICANT: MURAKAMI, TAKESHI

TITLE OF INVENTION: REGULATORY SEQUENCE OF CELLULOSE CBH1 GENES ORIGINATING

TITLE OF INVENTION: IN TRICHODERMA VIRIDE AND SYSTEM FOR MASS-PRODUCING

TITLE OF INVENTION: PROTEINS OR PEPTIDES THEREWITH

FILE REFERENCE: 99-0266\*/LC(WMC)/00144

CURRENT APPLICATION NUMBER: US/09/254,733

CURRENT FILING DATE: 1999-05-07

NUMBER OF SEQ ID NOS: 52

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC

OTHER INFORMATION: NUCLEIC ACID

US-09-254-733-34

Best Local Similarity 83.3%; Pred. No. 5.8e+02; Indels 3; Mismatches 0; Gaps 0;  
Matches 15; Conservative 0;

QY 409 GGTTCGTGGCAAGTGCT 426  
||| ||||| ||||| |||||  
Db 20 GGTACTGTGGCAAAAGCT 3

RESULT 752  
US-08-980-832-39  
; Sequence 39, Application US/08980832B  
; Patent No. 6291204  
; GENERAL INFORMATION:  
; APPLICANT: Pasaronates, Luis  
; APPLICANT: Tsygankov, Yuri  
; TITLE OF INVENTION: Improved Fermentative Carotenoid Production  
; FILE REFERENCE: Improved Fermentative Carotenoid  
; CURRENT APPLICATION NUMBER: US/08/980,832B  
; CURRENT FILING DATE: 1997-12-01  
; NUMBER OF SEQ ID NOS: 66  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer #8  
US-08-980-832-39

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGTCAGG 1664  
||| ||||| ||||| |||||  
Db 1 CAAGGCCAGATCGCAGG 18

RESULT 753  
US-09-167-375-18/c  
; Sequence 18, Application US/09167375B  
; Patent No. 6291438  
; GENERAL INFORMATION:  
; APPLICANT: Jui H. Wang  
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligorib  
; FILE REFERENCE: Methods for their use.  
; FILE REFERENCE: WNGJ 2002 (CIP-1)  
; CURRENT APPLICATION NUMBER: US/09/167,375B  
; CURRENT FILING DATE: 1998-10-06  
; NUMBER OF SEQ ID NOS: 26  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; LOCATION: Portion of the RI/PKA gene  
; OTHER INFORMATION: Sense sequence  
US-09-167-375-18

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1936 CGTACCTTCCCACTGGCC 1953  
||| ||||| ||||| |||||  
Db 19 CGTGCCCTCCTCACTGGCC 2

RESULT 754  
US-08-758-417A-10/c  
; Sequence 10, Application US/08758417A  
; Patent No. 6300129  
; GENERAL INFORMATION:

APPLICANT: Lonberg, Nils  
; Kay, Robert M.  
TITLE OF INVENTION: Transgenic No. 6300129-Human Animals for  
; Producing Heterologous Antibodies  
NUMBER OF SEQUENCES: 417  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/758,417A  
; FILING DATE: 02-Dec-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/728,463  
; FILING DATE: 10-OCT-1996  
; APPLICATION NUMBER: US 08/544,404  
; FILING DATE: 10-OCT-1995  
; APPLICATION NUMBER: US 08/352,322  
; FILING DATE: 07-DEC-1994  
; APPLICATION NUMBER: US 08/209,741  
; FILING DATE: 09-MAR-1994  
; APPLICATION NUMBER: US 08/165,699  
; FILING DATE: 10-DEC-1993  
; APPLICATION NUMBER: US 08/161,739  
; FILING DATE: 03-DEC-1993  
; APPLICATION NUMBER: US 08/155,301  
; FILING DATE: 18-NOV-1993  
; APPLICATION NUMBER: US 08/096,762  
; FILING DATE: 22-JUL-1993  
; APPLICATION NUMBER: US 08/053,131  
; FILING DATE: 26-APR-1993  
; APPLICATION NUMBER: US 07/990,860  
; FILING DATE: 16-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
; NAME: Serafini, Andrew T.  
; REGISTRATION NUMBER: 41,303  
; REFERENCE/DOCKET NUMBER: 014643-009030US  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-08-758-417A-10

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1653 CCGAGCTCAGGCAGCT 1670  
||| ||||| ||||| |||||  
Db 19 CCCAGCTCAGCTCAGCT 2

RESULT 755  
US-09-721-822A-91  
; Sequence 91, Application US/09721822A  
; Patent No. 6306606  
; GENERAL INFORMATION:

```
APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
FILE REFERENCE: RTS-0142
CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-721-822A-91

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 2034 TTTTGGACATCTATTTT 2051
||||| |||||||
b 2 TTTTAAAAATCTATTTT 19

RESULT 756
US-09-270-542-93/c
Sequence 93, Application US/09270542
Patent No. 6322976
GENERAL INFORMATION:
APPLICANT: Aitman, Timothy
APPLICANT: Scott, James
APPLICANT: Stanton, Lawrence
TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
THERAPY
FILE REFERENCE: 4198/78179
CURRENT APPLICATION NUMBER: US/09/270,542
CURRENT FILING DATE: 1999-03-17
EARLIER APPLICATION NUMBER: 09/221,222
EARLIER FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Rattus norvegicus
US-09-270-542-93

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 534 CTTGGCCATCTCTGGAAC 551
||||| |||||||
b 20 CCTGGGTATCTCTGGAAC 3

RESULT 757
US-09-131-684-10/c
Sequence 10, Application US/09131684
Patent No. 6323019
GENERAL INFORMATION:
APPLICANT: Corbeau, Pierre
APPLICANT: Kraus, Guenter
APPLICANT: Wong-Straal, Flossie
TITLE OF INVENTION: Design of No. 6323019el Highly Efficient HIV
TITLE OF INVENTION: Based Packaging Systems for Gene Therapy
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
```

```
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/131,684
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/822,516
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Quine, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/POCKET NUMBER: 02307E-0621110US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-131-684-10

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1817 TAGCTTGGAAAGTGCC 1834
||||| |||||||
Db 18 TAGCTGTGGAAAGATACC 1

RESULT 758
US-09-712-266-24
Sequence 24, Application US/09712266
Patent No. 6333158
GENERAL INFORMATION:
APPLICANT: UEMORI, Takashi
APPLICANT: SATO, Yoshiaki
APPLICANT: FUJITA, Tomoko
APPLICANT: MIYAKE, Kazuo
APPLICANT: MUKAI, Hiroyuki
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
FILE REFERENCE: 1422-408PCT
CURRENT APPLICATION NUMBER: US/09/712,266
CURRENT FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: US 09/446,504
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: PCT/JP98/02845
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: JP 9-187496
PRIOR FILING DATE: 1997-06-26
PRIOR APPLICATION NUMBER: JP 9-320692
PRIOR FILING DATE: 1997-11-27
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-712-266-24
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Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1934 TTGCTACCTTCCCACTGG 1951
    ||||| ||||| |||||
Db 1 TTGCTACAGTCCCTCTGG 18

RESULT 759
US-08-722-015A-31/c
; Sequence 31, Application US/08722015A
; Patent No. 6379881
; GENERAL INFORMATION:
; APPLICANT: Fouchier, Ronaldus A.M.
; APPLICANT: Schuitmaker, Johanna
; TITLE OF INVENTION: NUCLEIC ACIDS AND METHODS FOR THE DISCRIMINATION BETWEEN SYNCYTII
; TITLE OF INVENTION: INDUCING AND NON SYNCYTIIUM INDUCING VARIANTS OF THE HUMAN IMMUNO
; FILE REFERENCE: 9250.25
; CURRENT APPLICATION NUMBER: US/08/722,015A
; CURRENT FILING DATE: 1996-11-19
; NUMBER OF SEQ ID NOS: 258
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide.
US-08-722-015A-31

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 TTATATTTCTATTCTC 1594
    ||||| ||||| |||||
Db 19 TCATATTTCTATTCTC 2

RESULT 760
US-08-957-874-28
; Sequence 28, Application US/08957874
; Patent No. 6384192
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/957,874
; FILING DATE: 20-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/462,386
; FILING DATE: 5-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.09
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-957-874-28

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAAGAGGAGA 1453
    ||||| ||||| |||||
Db 1 AAGTCAGCCGAGGAGA 18

RESULT 761
US-09-798-096-60/c
; Sequence 60, Application US/09798096
; Patent No. 6393378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-60

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TTTTCAAGAGCTTTAAC 939
    ||| ||||| |||||
Db 19 TTTAGCATGAGCTTTAAC 2

RESULT 762
US-09-798-096-69/c
; Sequence 69, Application US/09798096
; Patent No. 6393378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
```

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
IS-09-798-096-69

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 2074 ATAAATGGTACATTCT 2091  
|||||  
b 20 ATACATGGTACTACT 3

RESULT 763  
IS-09-135-080-17  
Sequence 17, Application US/09135080  
Patent No. 6423827  
GENERAL INFORMATION:  
APPLICANT: Levitt, Pat R.  
APPLICANT: Pimenta, Aurea  
APPLICANT: Fischer, Itzhak  
APPLICANT: Zhukareva, Victoria  
TITLE OF INVENTION: Limbic System-Associated Membrane  
TITLE OF INVENTION: Protein and DNA  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dechert Price & Rhoads  
STREET: 997 Lenox Drive, Building 3, Suite 210  
CITY: Lawrenceville  
STATE: NJ  
COUNTRY: USA  
ZIP: 08543  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/135,080  
FILING DATE: 17-AUG-1998  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/414,657  
FILING DATE: 31-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Bloom, Allen  
REGISTRATION NUMBER: 29,135  
REFERENCE/DOCKET NUMBER: 317743-102A  
TELEPHONE: 609-620-3214  
TELEFAX: 609-620-3259  
TELEX:  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-135-080-17

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Y 1470 GCCAGAGCCCAAGGGGT 1487  
|||||  
b 2 GCCAGAGCCACATGGT 19  
TELEX:  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-135-080-17

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1470 GCCAGAGCCCAAGGGGT 1487  
|||||  
b 2 GCCAGAGCCACATGGT 19

RESULT 764  
IS-09-135-080-19

Sequence 19, Application US/09135080  
Patent No. 6423827  
GENERAL INFORMATION:  
APPLICANT: Levitt, Pat R.  
APPLICANT: Pimenta, Aurea  
APPLICANT: Fischer, Itzhak  
APPLICANT: Zhukareva, Victoria  
TITLE OF INVENTION: Limbic System-Associated Membrane  
TITLE OF INVENTION: Protein and DNA  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dechert Price & Rhoads  
STREET: 997 Lenox Drive, Building 3, Suite 210  
CITY: Lawrenceville  
STATE: NJ  
COUNTRY: USA  
ZIP: 08543  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/135,080  
FILING DATE: 17-AUG-1998  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/414,657  
FILING DATE: 31-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Bloom, Allen  
REGISTRATION NUMBER: 29,135  
REFERENCE/DOCKET NUMBER: 317743-102A  
TELEPHONE: 609-620-3214  
TELEFAX: 609-620-3259  
TELEX:  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-135-080-19

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1470 GCCAGAGCCCAAGGGGT 1487  
|||||  
b 2 GCCAGAGCCACATGGT 19

RESULT 765  
US-09-702-327-60/c  
Sequence 60, Application US/09702327  
Patent No. 6426220  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
FILE REFERENCE: RTS-0097  
CURRENT APPLICATION NUMBER: US/09/702,327  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 60  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-60

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 AGGAGAGAAAGAAAGTCA 1441  
||||| ||| ||||| |||  
Db 19 AGGAGAGAGAAAGAGACA 2

RESULT 766  
US-09-907-843-18/c  
; Sequence 18, Application US/09507843  
; Patent No. 6440739  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION  
; FILE REFERENCE: RTS-0279  
; CURRENT APPLICATION NUMBER: US/09/907,843  
; CURRENT FILING DATE: 2001-07-17  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-907-843-18

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1469 AGCCAGAGCCCAAGGG 1486  
||| ||||| ||| |||  
Db 20 AGCAAGAGCCCAAGATG 3

RESULT 767  
US-09-613-444-8  
; Sequence 8, Application US/09613444  
; Patent No. 6444427  
; GENERAL INFORMATION:  
; APPLICANT: Ludwig, Erwin H.  
; APPLICANT: Farese, Robert V.  
; APPLICANT: Innerarity, Thomas L.  
; APPLICANT: Cases, Sylvaine  
; TITLE OF INVENTION: Polymorphisms in a Diacylglycerol  
; FILE REFERENCE: 65101910S1  
; CURRENT APPLICATION NUMBER: US/09/613,444  
; CURRENT FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: p16 primer  
US-09-613-444-8

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 566 AGAGGGTCTGTACATTG 583  
||||| ||| |||||  
Db 2 AGAGGCTCTGTGATTG 19

RESULT 768

US-09-517-467B-237/c  
; Sequence 237, Application US/09517467B  
; Patent No. 6451602  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
; FILE REFERENCE: RTS-0150  
; CURRENT APPLICATION NUMBER: US/09/517,467B  
; CURRENT FILING DATE: 2001-03-02  
; PRIOR APPLICATION NUMBER: 09/517,467  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 345  
; SEQ ID NO 237  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-517-467B-237

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 607 GCGGTGGAAGGCGCTTC 624  
||| ||| ||||| |||  
Db 19 GGGGAGAAAGGCGCTTC 2

RESULT 769  
US-09-690-364-56  
; Sequence 56, Application US/09690364  
; Patent No. 6468795  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAP-1 EXPRESSION  
; FILE REFERENCE: RTS-0190  
; CURRENT APPLICATION NUMBER: US/09/690,364  
; CURRENT FILING DATE: 2000-10-17  
; NUMBER OF SEQ ID NOS: 100  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-690-364-56

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAACCTGCTATGCTGA 952  
||||| ||| |||||  
Db 3 TTAACCTGCTATGCTGA 20

RESULT 770  
US-09-706-197-72  
; Sequence 72, Application US/09706197  
; Patent No. 6475797  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: David Spector  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION  
; FILE REFERENCE: RTS-0145  
; CURRENT APPLICATION NUMBER: US/09/706,197  
; CURRENT FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 72

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

IS-09-706-197-72

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1672 TGCTGGGTGAGCTCTTC 1689

b 1 TTCTGTGTGAGCTCTTAC 18

RESULT 771

IS-09-277-196-13/c

Sequence 13, Application US/09277196

Patent No. 6476206

GENERAL INFORMATION:

APPLICANT: Trink, Barry

APPLICANT: Jen, Jin

APPLICANT: Ratovitski, Edward

APPLICANT: Sidransky, David

TITLE OF INVENTION: p40 Protein Acts as an Oncogene

FILE REFERENCE: 01107.79765

CURRENT APPLICATION NUMBER: US/09/277,196

CURRENT FILING DATE: 1999-03-26

EARLIER APPLICATION NUMBER: 60/079736

EARLIER FILING DATE: 1998-03-27

NUMBER OF SEQ ID NOS: 20

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

IS-09-277-196-13

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1486 GTCACGAGGAGGTCAAG 1503

b 18 GTCACGAGGAGGTGGAAG 1

RESULT 772

IS-09-305-856B-34/c

Sequence 34, Application US/09305856B

Patent No. 6479236

GENERAL INFORMATION:

APPLICANT: Penny, Laura

APPLICANT: Galvin, Margaret

TITLE OF INVENTION: Genotyping the Human

FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)

CURRENT APPLICATION NUMBER: US/09/305,856B

CURRENT FILING DATE: 1999-05-05

PRIOR APPLICATION NUMBER: 60/084,807

PRIOR FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 124

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

S-09-305-856B-34

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1826 AAAGTGCCTTATTGAA 1843

Db 18 AAAGTGCCTTATTGAA 1

RESULT 773

US-09-920-668-33

Sequence 33, Application US/09920668

Patent No. 6482644

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett

APPLICANT: Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION

FILE REFERENCE: RTS-0246

CURRENT APPLICATION NUMBER: US/09/920,668

CURRENT FILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 49

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-668-33

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1217 CTCGAGCGCCCTCCCTG 1234

Db 1 CTCGAGCGCCCTCCCTG 18

RESULT 774

US-09-659-845A-28

Sequence 28, Application US/09659845A

Patent No. 6492170

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

FILE REFERENCE: RTS-0183

CURRENT APPLICATION NUMBER: US/09/659,845A

CURRENT FILING DATE: 2001-07-23

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 28

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1975 GCCTGCCCTCTCTCTGTC 1992

Db 3 GCCTGCCCTCTCTGTC 20

RESULT 775

US-09-659-845A-164

Sequence 164, Application US/09659845A

Patent No. 6492170

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Andrew T. Watt



; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A

; CURRENT FILING DATE: 2001-07-23

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 164

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-164

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1686 TTCCAGGAGCCACTTGC 1703

DB 1 TACCAGGAGCCACTTTC 18

RESULT 776

US-09-542-552-11/c

; Sequence 11, Application US/09542552

; Patent No. 6500625

; GENERAL INFORMATION:

; APPLICANT: MULSHINE, JAMES, L.

; TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND

; TITLE OF INVENTION: DNA THEREOF FOR USE IN EARLY CANCER DETECTION

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

; STREET: 345 PARK AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10154

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/542,552

; FILING DATE: 03-APR-2000

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/538,711

; FILING DATE: 02-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: KATHRYN M. BROWN

; REGISTRATION NUMBER: 34,556

; REFERENCE/DOCKET NUMBER: 2026-4201

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 758-4800

; TELEFAX: (212) 751-6849

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: Unknown

; TOPOLOGY: Linear

; MOLECULE TYPE: other nucleic acid

US-09-542-552-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 GACGAGACGACCTGTAC 1269

DB 20 GACGACACGACCGGAC 3

RESULT 777

US-09-668-313A-43/c

; Sequence 43, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

; CURRENT FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 247

; SEQ ID NO 43

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-668-313A-43

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1421 CAGAGGAGAGAAAGAG 1438

DB 19 CAGAGGAGAGAGAGAGG 2

RESULT 778

US-09-668-313A-80/c

; Sequence 80, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

; CURRENT FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 247

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-668-313A-80

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1598 GTATTATATATAAAATTT 1615

DB 19 GTATTTTGTAAACTTT 2

RESULT 779

US-09-668-313A-179

; Sequence 179, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

CURRENT FILING DATE: 2000-09-22  
NUMBER OF SEQ ID NOS: 247  
SEQ ID NO 179  
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

IS-09-668-313A-179

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 456 CGCTGTGAATTGGGCTGG 473  
|||||  
b 1 CCCTGTCAAGTGGGCTGG 18

RESULT 780

IS-09-647-133-9

Sequence 9, Application US/09647133

Patent No. 6511804

GENERAL INFORMATION:

APPLICANT: Haydock, Paul V.

APPLICANT: Uren, Jack R.

APPLICANT: Saigene Corporation

TITLE OF INVENTION: A Selective Assay for Determining the Identity of Live  
TITLE OF INVENTION: Microorganisms in a Mixed Culture

FILE REFERENCE: 018048-00071005

CURRENT APPLICATION NUMBER: US/09/647,133

CURRENT FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 60/079,684

PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: WO PCT/US99/06610

PRIOR FILING DATE: 1999-03-25

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 9

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Proteus

OTHER INFORMATION: mirabilis lpp PCR primer

IS-09-647-133-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 433 CTTAATAAGCTGAAACG 450  
|||||  
b 3 CTTAATAAGCTGAAACG 20

RESULT 781

S-09-216-393B-285/c

Sequence 285, Application US/09216393B

Patent No. 6514694

GENERAL INFORMATION:

APPLICANT: Milhausen, Michael James

TITLE OF INVENTION: TOXOPIASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE

FILE REFERENCE: TX-1-C2

CURRENT APPLICATION NUMBER: US/09/216,393B

CURRENT FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: 08/994,825

PRIOR FILING DATE: 1997-12-19

NUMBER OF SEQ ID NOS: 366

SOFTWARE: PatentIn version 3.1

SEQ ID NO 285

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-216-393B-285

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 807 AATGGAGATGTTCCAGCC 824  
|||||  
Db 19 AATGGATGTTCTCGCC 2

RESULT 782

US-08-921-497-6/c

Sequence 6, Application US/08921497

Patent No. 6521225

GENERAL INFORMATION:

APPLICANT: Srivastava, Arun

APPLICANT: Ponnazhagan, Selvarangan

APPLICANT: Chloemer, Robert H.

APPLICANT: Wang, Xu-Shan

APPLICANT: Yoder, Mervin C.

APPLICANT: Zhou, Shang-Zhen

APPLICANT: Escobedo, Jaime

APPLICANT: Varivani, Dwarki

TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)

FILE REFERENCE: 1242.003

CURRENT APPLICATION NUMBER: US/08/921,497

CURRENT FILING DATE: 1997-09-02

PRIOR APPLICATION NUMBER: US 60/025,616

PRIOR FILING DATE: 1996-09-06

PRIOR APPLICATION NUMBER: US 60/025,649

PRIOR FILING DATE: 1996-09-11

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn version 3.1

SEQ ID NO 6

LENGTH: 20

TYPE: DNA

ORGANISM: mouse

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: primer for the mouse beta-actin gene

US-08-921-497-6

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 928 AAGAGCTTTAAGCTGCCT 945  
|||||  
Db 20 AAGAGCTATGAGCTGCCT 3

RESULT 783

US-09-883-405-2

Sequence 2, Application US/09883405

Patent No. 6528062

GENERAL INFORMATION:

APPLICANT: KIM Chul Ju; Kostarworld Co., LTD.

TITLE OF INVENTION: Functional aquarium water and preparation method thereof

FILE REFERENCE: 01P30

CURRENT APPLICATION NUMBER: US/09/883,405

CURRENT FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 6

SOFTWARE: KopatentIn 1.71

SEQ ID NO 2

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: EUB2 primer: reverse primer specific for 16s rRNA sequence of



```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-23876 for SEQ 3128, in complete
IS-09-422-978-10993

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1597 ACCTGGCACCATTCTT 1714
b 18 ATCTGCGACCCATCCTT 1

RESULT 788
IS-09-380-836-81/c
Sequence 81, Application US/09380836
Patent No. 6551775
GENERAL INFORMATION:
APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Rossier, Bernard C.
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
TITLE OF INVENTION: Pseudohypaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR FILING DATE: 1997-03-11
PRIOR APPLICATION NUMBER: PCT/US98/04681
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 106
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: B-14 reverse
OTHER INFORMATION: PCR primer
IS-09-380-836-81

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 428 TGAACCTTATAAGCAGC 445
b 19 TGAACCTCACTGAGCAGC 2

RESULT 789
IS-09-168-595-52
Sequence 52, Application US/09168595
Patent No. 655666
GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
TITLE OF INVENTION: Polypeptides
NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
```

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/168,595
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,126
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: oligonucleotide #4578
US-09-168-595-52

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1029 GGAGATCCCTAATGAGCT 1045
Db 3 GGAGATCTCTTAAGAGCT 20

RESULT 790
US-09-198-452A-1559
Sequence 1559, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1559
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1559

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1746 CAGTCTGGGTGAAGGG 1763
Db 2 CTGGTCTGGGTAAAGCG 19

RESULT 791
US-09-198-452A-1586
Sequence 1586, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
```

```
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1586

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GGTGAGCGGCTGGAAGAG 618
Db 1 GGTGAGGCGATGGAAG 18

RESULT 792
US-09-198-452A-1695
; Sequence 1695, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1695

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 AAGAGGCTTCTACACCA 631
Db 2 AAGAGGCTGCTGCCCA 19

RESULT 793
US-09-198-452A-1972/c
; Sequence 1972, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1972

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1980 CCTCTGTCTGCTCTCTC 1997
Db 18 CCTCTATCGTCTGCTC 1
```

## RESULT 794

```
US-09-198-452A-2937
; Sequence 2937, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2937
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2937
```

```
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1032 GATCCTAATGAGCTTCC 1049
Db 1 GATCCTTCATCAGCTTCC 18
```

## RESULT 795

```
US-09-198-452A-2965/c
; Sequence 2965, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2965
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2965
```

```
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 35 ACTGACGCTAGGACGGG 52
Db 18 ACTGTCGGTAATGACGGG 1
```

## RESULT 796

```
US-09-198-452A-3522/c
; Sequence 3522, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
```

; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 3522  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
JS-09-198-452A-3522

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 776 AGGCATTTTCAGCCGG 793  
b 18 AGGTCATTTTAAAGCCCG 1

RESULT 797  
JS-09-198-452A-3617/c  
; Sequence 3617, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 3617  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

S-09-198-452A-3617  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1560 CCCCAACCCCTCAGATTT 1577  
b 18 CCCCAACCCCAAGCTCT 1

RESULT 798  
S-09-198-452A-3864/c  
; Sequence 3864, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 3864  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

S-09-198-452A-3864  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 658 CATAGTATCGAGAGTAC 675  
b 19 CATATCATGGAGAGAAC 2

RESULT 799  
US-09-198-452A-3972  
; Sequence 3972, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 3972  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

US-09-198-452A-3972  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 911 AGTGTGTGGATTTTCTCA 928  
Db 2 ATTGTGTGGATTTGCCA 19

RESULT 800  
US-09-198-452A-4808  
; Sequence 4808, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4808  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4808  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 311 ACATGTCGGAGTACAGCA 328  
Db 1 AAATGTTGGAGTACCGCA 18

RESULT 801  
US-09-198-452A-4937  
; Sequence 4937, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4937  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4937  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-09-198-452A-4937

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1021 CTGGATACGAGATCCCT 1038  
|||||  
DB 1 CTGGATTCGAATCCCT 18  
|||||

RESULT 802

US-09-198-452A-5002  
; Sequence 5002, Application US/09198452A  
; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5002

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5002

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 CTGCCATGCTGATGCTG 957  
|||||  
DB 2 CTGCCGATGATGCTG 19  
|||||

RESULT 803

US-09-198-452A-5682  
; Sequence 5682, Application US/09198452A  
; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5682

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5682

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 294 CTCGATCCGTCGATGAT 311  
|||||  
DB 1 CTCGACACGTCGAGAAA 18  
|||||

RESULT 804

US-09-198-452A-5852/c  
; Sequence 5852, Application US/09198452A  
; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.

```
Y 1467 GAAGCCAGAGCCCAAGG 1484
||||| ||||| |||||
b 1 GAAGCAAGAAGCACAAAG 18

RESULT 807
IS-09-198-452A-6589/c
: Sequence 6589, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Griffais, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6589
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
IS-09-198-452A-6589

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 101 ACTACTACGACGGGATG 118
||||| ||||| |||||
b 19 ACTACCACACGAGGATG 2

RESULT 808
IS-09-198-452A-6592/c
: Sequence 6592, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Griffais, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6592
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
IS-09-198-452A-6592

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 101 ACTACTACGACGGGATG 118
||||| ||||| |||||
b 20 ACTACCACACGAGGATG 3

RESULT 809
IS-09-572-891-1
: Sequence 1, Application US/09572891
: Patent No. 656064
: GENERAL INFORMATION:
: APPLICANT: SHIRAKI, MASATAKA
: APPLICANT: OUCHI, YASUYOSHI
: APPLICANT: HOSOI, TAKAYUKI
: APPLICANT: KUSABA, NOBUTAKA
: APPLICANT: BABA, TOSHIKI
: APPLICANT: YOSHIDA, HIROSHI
: TITLE OF INVENTION: METHOD FOR ANTICIPATING SENSITIVITY TO MEDICINE FOR

; TITLE OF INVENTION: OSTEOPOROSIS AND A REAGENT THEREOF
; FILE REFERENCE: NISS-051
; CURRENT APPLICATION NUMBER: US/09/572,891
; CURRENT FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Located on the 12th chromosome; a part of the base sequence
; OTHER INFORMATION: of vitamin D receptor gene.
US-09-572-891-1

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1205 TGCAGGCGATTCTCGAGG 1222
||||| ||||| |||||
DB 2 TGCAGGCGATTCTCGTAGG 19

RESULT 810
US-09-710-794-13
; Sequence 13, Application US/09710794
; Patent No. 6573069
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Gao, Zeren
; APPLICANT: Whitmore, Theodore E.
; TITLE OF INVENTION: NOVEL CRIB PROTEIN ZMSE1
; FILE REFERENCE: 99-76
; CURRENT APPLICATION NUMBER: US/09/710,794
; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: US 60/164,685
; PRIOR FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19192
US-09-710-794-13

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 GTCAAGGAGGAGGTCAAG 1503
||||| ||||| |||||
DB 3 GTCAAGGAGGTGGTCAGG 20

RESULT 811
US-09-639-695-28
; Sequence 28, Application US/09639695
; Patent No. 6576237
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; McMahon, Andrew P.
; Tabin, Clifford J.
; Bumcrot, David A.
; Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; Proteins and Uses Related Thereof
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
```



; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/639,695  
; FILING DATE: 16-Aug-2000  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/435,093  
; FILING DATE: 4-MAY-1995  
; APPLICATION NUMBER: US 08/356,060  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: US 08/176,427  
; FILING DATE: 30-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Vincent, Matthew P.  
; REGISTRATION NUMBER: 36,709  
; REFERENCE/DOCKET NUMBER: HMV-006.05  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 832-1000  
; TELEFAX: (617) 832-7000  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:  
US-09-639-695-28  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1436 AAGTCACCGAAGAGGAGA 1453  
Db 1 AAGTCACCGAAGAGGAGA 18  
RESULT 812  
US-09-639-695-58  
; Sequence 58, Application US/09639695  
; Patent No. 6576237  
; GENERAL INFORMATION:  
; APPLICANT: Ingham, Phillip W.  
; McMahon, Andrew P.  
; Tabin, Clifford J.  
; Bumcrot, David A.  
; Marti-Gorostiza, Elisa  
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing  
; Proteins and Uses Related Thereto  
; NUMBER OF SEQUENCES: 62  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/639,695  
; FILING DATE: 16-Aug-2000

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/435,093  
; FILING DATE: 4-MAY-1995  
; APPLICATION NUMBER: US 08/356,060  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: US 08/176,427  
; FILING DATE: 30-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Vincent, Matthew P.  
; REGISTRATION NUMBER: 36,709  
; REFERENCE/DOCKET NUMBER: HMV-006.05  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 832-1000  
; TELEFAX: (617) 832-7000  
; INFORMATION FOR SEQ ID NO: 58:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:  
US-09-639-695-58  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1436 AAGTCACCGAAGAGGAGA 1453  
Db 1 AAGTCACCGAAGAGGAGA 18  
RESULT 813  
US-09-356-806-149/c  
; Sequence 149, Application US/09356806  
; Patent No. 6586175  
; GENERAL INFORMATION:  
; APPLICANT: Penny, Laura  
; Applicant: Galvin, Margaret  
; APPLICANT: Miller, Andrew  
; APPLICANT: Reidy, Michael  
; TITLE OF INVENTION: Genotyping Human  
; UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and  
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes  
; FILE REFERENCE: SEQ-22PRV2  
; CURRENT APPLICATION NUMBER: US/09/356,806  
; CURRENT FILING DATE: 1999-07-20  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 149  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-356-806-149  
Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1473 AGAAGCCAAAGGGGTCAA 1490  
Db 20 AGAAGCCGAGATGTCAA 3  
RESULT 814  
US-09-249-247-121  
; Sequence 121, Application US/09249247  
; Patent No. 6593305  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Aiping H.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and

## TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase

FILE REFERENCE: 032396-023  
CURRENT APPLICATION NUMBER: US/09/249,247  
CURRENT FILING DATE: 1999-02-11  
EARLIER APPLICATION NUMBER: US 60/023,040  
EARLIER FILING DATE: 1996-08-02  
EARLIER APPLICATION NUMBER: US 60/039,959  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: US 08/904,901  
EARLIER FILING DATE: 1997-08-01  
NUMBER OF SEQ ID NOS: 220  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 121  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Human  
IS-09-249-247-121

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1908 TCAGCCATTTCAGATTG 1925  
|||||  
b 3 TCAGCCATTTCAGATTG 20

## RESULT 815

IS-09-081-385-140  
Sequence 140, Application US/09081385  
Patent No. 6593456

## GENERAL INFORMATION:

APPLICANT: Gatanaga, T.

APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factors Altering Tumor Necrosis

TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods

TITLE OF INVENTION: of Use Thereof

NUMBER OF SEQUENCES: 154

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON &amp; FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/081,385

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/964,747

FILING DATE: 05-NOV-1997

APPLICATION NUMBER: 60/030,761

FILING DATE: 06-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Wu, Frank

REGISTRATION NUMBER: 41,386

REFERENCE/DOCKET NUMBER: 22000-20577.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-813-5600

TELEFAX: 650-494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 140:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

## US-09-081-385-140

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1078 CCAGATTTCAGCTCCAC 1095  
|||||  
DB 3 CCAGACTTCACCTTCAC 20

## RESULT 816

US-09-689-065B-32  
; Sequence 32, Application US/09689065B  
; Patent No. 6605696

GENERAL INFORMATION:

APPLICANT: Pfizer Products, Inc.

TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND

TITLE OF INVENTION: MATERIALS

FILE REFERENCE: 3153.00187/PCI0589A

CURRENT APPLICATION NUMBER: US/09/689,065B

CURRENT FILING DATE: 2000-10-12

PRIOR APPLICATION NUMBER: US Prov. 60/160,922

PRIOR FILING DATE: 1999-10-22

PRIOR APPLICATION NUMBER: US Prov. 60/163,858

PRIOR FILING DATE: 1999-11-05

NUMBER OF SEQ ID NOS: 112

SOFTWARE: PatentIn version 3.2

SEQ ID NO 32

LENGTH: 20

TYPE: DNA

ORGANISM: Lawsonia intracellularis

US-09-689-065B-32

## Query Match

Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TTTCAGGCTCCACATCAG 1100  
|||||  
DB 3 TTTCAGAGATCTACTTCAG 20

## RESULT 817

US-09-448-188-28

; Sequence 28, Application US/09448188

; Patent No. 6607913

GENERAL INFORMATION:

APPLICANT: Ingham, Phillip W.

McMahon, Andrew P.

Tabin, Clifford J.

TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing

Proteins and Uses Related Thereto

NUMBER OF SEQUENCES: 48

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG &amp; ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/448,188

FILING DATE: 23-No. 6607913-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/462,386

FILING DATE: 05-JUN-1995

APPLICATION NUMBER: US 08/435,093

```
/ FILING DATE: 04-MAY-1995
/ APPLICATION NUMBER: US 08/356,060
/ FILING DATE: 14-DEC-1994
/ APPLICATION NUMBER: US 08/176,427
/ FILING DATE: 30-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Vincent, Matthew P.
/   REGISTRATION NUMBER: 36,709
/   REFERENCE/DOCKET NUMBER: HMV-006.12
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 617-832-1000
/   TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 20 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-448-188-28

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1436 AAGTCACCGAAGGAGGA 1453
Db      ||||| ||||| |||||
        1 AAGTCAGCCGAGGAGGA 18

RESULT 818
US-08-954-128-28
/ Sequence 28, Application US/08954128
/ Patent No. 6610656
/ GENERAL INFORMATION:
/   APPLICANT: Ingham, Phillip W.
/   APPLICANT: McMahon, Andrew P.
/   APPLICANT: Tabin, Clifford J.
/ TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
/ TITLE OF INVENTION: Proteins and Uses Related Thereto
/ NUMBER OF SEQUENCES: 48
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: FOLEY, HOAG & ELIOT LLP
/   STREET: One Post Office Square
/   CITY: Boston
/   STATE: MA
/   COUNTRY: USA
/   ZIP: 02109-2170
/ COMPUTER READABLE FORM:
/   COMPUTER: IBM PC compatible
/   OPERATING SYSTEM: PC-DOS/MS-DOS
/   SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/954,128
/   FILING DATE: 20-OCT-1997
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/462,386
/   FILING DATE: 05-JUN-1995
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/435,093
/   FILING DATE: 04-MAY-1995
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/356,060
/   FILING DATE: 14-DEC-1994
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/176,427
/   FILING DATE: 30-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Vincent, Matthew P.
/   REGISTRATION NUMBER: 36,709
/   REFERENCE/DOCKET NUMBER: HMV-006.12
```

```
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 617-832-1000
/   TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 20 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-08-954-128-28

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1436 AAGTCACCGAAGGAGGA 1453
Db      ||||| ||||| |||||
        1 AAGTCAGCCGAGGAGGA 18

RESULT 819
US-09-547-267-13
/ Sequence 13, Application US/09547267
/ Patent No. 6613543
/ GENERAL INFORMATION:
/   APPLICANT: Hohmann, Hans-Peter
/   APPLICANT: Pasamontes, Luis
/   APPLICANT: Tessier, Michel
/   APPLICANT: van Loon, Adolphus
/ TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
/ NUMBER OF SEQUENCES: 47
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: Hoffmann-La Roche Inc.
/   STREET: 340 Kingsland Street
/   CITY: Nutley
/   STATE: NJ
/   COUNTRY: USA
/   ZIP: 07110
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: Floppy disk
/   COMPUTER: IBM PC compatible
/   OPERATING SYSTEM: PC-DOS/MS-DOS
/   SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/09/547,267
/   FILING DATE:
/   CLASSIFICATION:
/   PRIOR APPLICATION DATA:
/     APPLICATION NUMBER: 08/660,645
/   FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Pokras, Bruce A.
/   REGISTRATION NUMBER: 32,748
/   REFERENCE/DOCKET NUMBER: RAN 6002/170
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (201) 235-5801
/   TELEFAX: (201) 235-2363
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 20 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-547-267-13

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Y 1647 CAAGGCCCGAGCTCAGG 1664  
|||||  
b 1 CAAGGCCCGAGTCGAGG 18

## RESULT 820

IS-09-526-193A-141  
Sequence 141, Application US/09526193A  
Patent No. 6617122  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael R.  
APPLICANT: Brooks-Wilson, Angela R.  
APPLICANT: Pinstone, Simon N.  
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
FILE OF INVENTION: CHOLESTEROL LEVELS  
FILE REFERENCE: 50110/002005  
CURRENT APPLICATION NUMBER: US/09/526,193A  
CURRENT FILING DATE: 2000-03-15  
PRIOR APPLICATION NUMBER: 60/124,702  
PRIOR FILING DATE: 1999-03-15  
PRIOR APPLICATION NUMBER: 60/138,048  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/139,600  
PRIOR FILING DATE: 1999-06-17  
PRIOR APPLICATION NUMBER: 60/151,977  
PRIOR FILING DATE: 1999-09-01  
NUMBER OF SEQ ID NOS: 287  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 141  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-09-526-193A-141

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1514 TGGACCTCTCCAGCTCTG 1531  
|||||  
b 3 TGCACCTCTCTCTCTCTG 20

## RESULT 821

IS-10-027-983-67/c  
Sequence 67, Application US/10027983  
Patent No. 6617162  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
APPLICANT: Mark P. Roach  
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION  
FILE REFERENCE: RTS-0340  
CURRENT APPLICATION NUMBER: US/10/027,983  
CURRENT FILING DATE: 2001-12-18  
NUMBER OF SEQ ID NOS: 98  
SEQ ID NO 67  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
S-10-027-983-67

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1137 CCTGGAGAAGATCAACA 1154  
|||||  
b 18 CCTGGACAGATCAGACA 1

## ESULT 822

US-08-954-740-28  
Sequence 28, Application US/08954740  
Patent No. 6630148  
GENERAL INFORMATION:  
APPLICANT: Ingham, Phillip W.  
APPLICANT: McMahon, Andrew P.  
APPLICANT: Tabin, Clifford J.  
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing  
TITLE OF INVENTION: Proteins and Uses Related Thereto  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/954,740  
FILING DATE: 20-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/462,386  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/435,093  
FILING DATE: 04-MAY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/356,060  
FILING DATE: 14-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/176,427  
FILING DATE: 30-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: HMV-006.08  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-954-740-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAGGAGA 1453  
|||||  
Db 1 AAGTCACCGAGGAGA 18

## RESULT 823

US-08-974-391-3  
Sequence 3, Application US/08974391  
Patent No. 6638762  
GENERAL INFORMATION:  
APPLICANT: Chang, Yung-Nien  
APPLICANT: Hallenbeck, Paul L.  
APPLICANT: Hay, Carl M.  
APPLICANT: Stewart, David A.  
TITLE OF INVENTION: Vector for Tissue-Specific Replication and Gene  
TITLE OF INVENTION: Expression

```
; FILE REFERENCE: 1136.0040000
; CURRENT APPLICATION NUMBER: US/08/974,391
; PRIOR FILING DATE: 1997-11-19
; PRIOR APPLICATION NUMBER: US 08/849,117
; PRIOR FILING DATE: 1995-11-28
; PRIOR APPLICATION NUMBER: US 08/487,992
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/348,258
; PRIOR FILING DATE: 1994-11-28
; PRIOR APPLICATION NUMBER: PCT/EP98/07380
; PRIOR FILING DATE: 1995-11-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-974-391-3

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 AGAAGAAGTCCACGAAG 1447
Db 1 AGCAAGACCCACGAAG 18

RESULT 824
US-09-908-500A-3/c
; Sequence 3, Application US/09908500A
; Patent No. 6642002
; GENERAL INFORMATION:
; APPLICANT: James Loyd
; APPLICANT: Kirk B. Lane
; APPLICANT: John A. Phillips, III
; TITLE OF INVENTION: METHOD OF DIAGNOSING PULMONARY
; TITLE OF INVENTION: HYPERTENSION
; FILE REFERENCE: 22000.010803
; CURRENT APPLICATION NUMBER: US/09/908,500A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/218,740
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/220,133
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6642002e =
US-09-908-500A-3

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 244 GCTGAGGAGATGACCAAG 261
Db 20 GCTGATGAGAGACCTAG 3

RESULT 825
US-09-860-473-75/c
; Sequence 75, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

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; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-75

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 ATGGCGCAGACGACGGGC 81
Db 18 AAGCCGACACTCAGGCG 1

RESULT 826
US-09-736-476-28
; Sequence 28, Application US/09736476
; Patent No. 6664075
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Bumcrot, David A.
; APPLICANT: Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/736,476
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMI-006CP4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

```
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
IS-09-736-476-28

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

iy 1436 AAGTCACCGAAGAGGAGA 1453
      ||||| |||||
      1 AAGTCAGCCAGAGGAGA 18

RESULT 827
IS-09-980-052-55/c
Sequence 55, Application US/09980052
Patent No. 6670130
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT FILING DATE: 2001-11-28
CURRENT APPLICATION NUMBER: US/09/980,052
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopatentin 1.71
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium vaccae
IS-09-980-052-55

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

iy 140 AAGGCCACCCCAATCAAGC 157
      ||||| |||||
      19 AAGGCCATCCCAACGAATC 2

RESULT 828
IS-09-495-714C-19
Sequence 19, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
IS-09-495-714C-19
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Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1729 TGAACCATAAAGGCTGCC 1746
      ||||| |||||
      3 TGAACCATACCGAGTGCC 20

Db

RESULT 829
US-09-495-714C-91/c
Sequence 91, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-495-714C-91

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1006 GAGACAGCTGTGGCCCTG 1023
      ||||| |||||
      19 GATACAGTTCTGGCCCTG 2

Db

RESULT 830
US-09-920-923B-39
Sequence 39, Application US/09920923B
Patent No. 6677134
GENERAL INFORMATION:
APPLICANT: Pasamontes, Luis
APPLICANT: Tsygankov, Yuri
TITLE OF INVENTION: Fermentative Carotenoid Production
FILE REFERENCE: 15464 US (C38435/125944)
CURRENT APPLICATION NUMBER: US/09/920,923B
CURRENT FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 08/980,832
PRIOR FILING DATE: 1997-12-01
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer #8
US-09-920-923B-39

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1647 CAAGCCCCCGAGCTCAGG 1664
      ||||| |||||
      1 CAAGCCCCAGATCGCAGG 18

Db

RESULT 831
US-10-022-819-23/c
Sequence 23, Application US/10022819
Patent No. 6686163
; GENERAL INFORMATION:
```

APPLICANT: ALLEN, Antonette C. P.  
OLSEN, Sheri J.  
LAWRENCE, Tammy  
ANGELLY, Tracy S.  
RABIN, Mark B.  
TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN  
BRCA1 GENE  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Morgan Lewis & Bockius LLP  
STREET: 1111 Pennsylvania Avenue  
CITY: Washington DC  
STATE: District of Columbia  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/022,819  
FILING DATE: 22-Apr-2002  
CLASSIFICATION: <Unknown>  
APPLICATION NUMBER: 09/074,452  
FILING DATE: 1998-05-06  
ATTORNEY/AGENT INFORMATION:  
NAME: <Unknown>  
REGISTRATION NUMBER: <Unknown>  
REFERENCE/DOCKET NUMBER: 044921-5049-01-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-739-3000  
TELEFAX: 202-739-3001  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-10-022-819-23

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 846 TGCTCAGACTCCCTATC 863  
DB 19 TGATTCAGACTCCCATC 2

RESULT 832  
PCT-US94-02891-11  
Sequence 11, Application PC/TUS9402891  
GENERAL INFORMATION:  
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN  
APPLICANT: SERVICES  
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL  
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
TITLE OF INVENTION: XSCID  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVE.  
CITY: NEW YORK

STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORD PERFECT # 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02891  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/031,143  
FILING DATE: 12-MAR-1993  
APPLICATION NUMBER: 08/121,435  
FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
INDIVIDUAL ISOLATE: IL-2R  
PCT-US94-02891-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 5.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1076 GACGAGTTTCAAGCTCC 1093  
DB 1 GACCTAATATCAAGCTCC 18

RESULT 833  
PCT-US94-08111-12/c  
Sequence 12, Application PC/TUS9408111  
GENERAL INFORMATION:  
APPLICANT: Chen, Howard  
APPLICANT: Hofmann, Kathryn J  
APPLICANT: Shaw, Alan R  
APPLICANT: Trumbauer, Myrna E  
APPLICANT: Van der Ploeg, Leonardus  
APPLICANT: Zheng, Hui  
TITLE OF INVENTION: Expression of Human Interleukin-1B in a  
TITLE OF INVENTION: Transgenic Animal  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Christine E. Carty  
STREET: P.O. Box 2000, 126 E. Lincoln Avenue  
CITY: Rahway  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/08111

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Carty, Christine E

REGISTRATION NUMBER: 36,099

REFERENCE/DOCKET NUMBER: 19037

TELECOMMUNICATION INFORMATION:

TELEPHONE: (908)594-6734

TELEFAX: (908)594-4720

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

PCT-US94-08111-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

xy 1331 CTGAAGAGGAGGAGG 1348

yb 19 CCGAGAGGAGGAGTGG 2

RESULT 834

US-08-411-020-7

Sequence 7, Application US/08411020

Patent No. 5712094

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI

APPLICANT: LAMB, I. PETER

APPLICANT: CHAN, SHIN-SHAY TIAN

TITLE OF INVENTION: METHODS AND ASSOCIATED REAGENTS FOR

TITLE OF INVENTION: DETECTING MODULATORS OF CYTOKINE ACTION

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ligand Pharmaceuticals Incorporated

STREET: 9393 Towne Centre Drive

CITY: San Diego

STATE: California

COUNTRY: US

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/411,020

FILING DATE: 27-MAR-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Jurgensen, Thomas E.

REGISTRATION NUMBER: 34,195

REFERENCE/DOCKET NUMBER: 016-0030.US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 550-7675

TELEFAX: (619) 535-3906

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OTHER NUCLEIC ACID,

DESCRIPTION: SYNTHETIC DNA"

US-08-411-020-7

Query Match 0.6%; Score 13; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCCGAGGAC 686

Db 1 ACTTCCCGAGGAC 13

RESULT 835

US-08-410-779B-160

Sequence 160, Application US/08410779B

Patent No. 5814517

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI

APPLICANT: LAMB, I. PETER

TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS

TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE

NUMBER OF SEQUENCES: 166

CORRESPONDENCE ADDRESS:

ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED

STREET: 9393 TOWNE CENTRE DRIVE

CITY: SAN DIEGO

STATE: CALIFORNIA

COUNTRY: US

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/410,779B

FILING DATE: 27-MAR-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/228,935

FILING DATE: 14-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: JURGENSEN, THOMAS E

REGISTRATION NUMBER: 34,195

REFERENCE/DOCKET NUMBER: 016-0013A.US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 550-7675

TELEFAX: (619) 535-3906

INFORMATION FOR SEQ ID NO: 160:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OTHER NUCLEIC ACID,

DESCRIPTION: SYNTHETIC DNA"

US-08-410-779B-160

Query Match

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCCGAGGAC 686

Db 1 ACTTCCCGAGGAC 13

RESULT 836

US-08-410-779B-161/c

Sequence 161, Application US/08410779B

Patent No. 5814517

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI



```
; APPLICANT: LAMB, I. PETER
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
; TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 166
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED
; STREET: 9393 TOWNE CENTRE DRIVE
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,779B
; FILING DATE: 27-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
US-08-410-779B-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 837
PCT-US95-04477-160
; Sequence 160, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
US-08-410-779B-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 837
PCT-US95-04477-160
; Sequence 160, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
US-08-410-779B-161
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
PCT-US95-04477-160

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 1 ACTTCCAGGAAC 13

RESULT 838
PCT-US95-04477-161/c
; Sequence 161, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
PCT-US95-04477-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 839
US-08-363-240A-225
; Sequence 225, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
```

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 225:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-225

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 61.5%; Pred. No. 3.4e+02;  
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;  
QY 1530 TGGCTTCTGCTG 1542  
:||||:||||:  
b 3 UGGCUUCGUCUG 15

RESULT 840  
US-08-363-240A-226  
Sequence 226, Application US/08363240A  
Patent No. 5705388

GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwiggen, James  
APPLICANT: Bisgaler, Charles  
APPLICANT: Pape, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A

FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 226:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-226

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 61.5%; Pred. No. 3.4e+02;  
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1530 TGGCTTCTGCTG 1542  
:||||:||||:  
Db 2 UGGCUUCGUCUG 14

RESULT 841

US-08-585-684B-662  
Sequence 662, Application US/08585684B  
Patent No. 5877021

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 662:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-662

Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2053 ATTTTGTGAGCC 2065
   |:|:|:|:|:|:|
DB 3 AUUUUGUGAGCC 15

RESULT 842
; US-08-585-684B-663
; Sequence 663, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 663:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-663

Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2053 ATTTTGTGAGCC 2065
   |:|:|:|:|:|:|
DB 3 AUUUUGUGAGCC 15

RESULT 843
; US-08-952-597-2
; Sequence 2, Application US/08952597
; Patent No. 5892023
; GENERAL INFORMATION:
; APPLICANT: PIROTZKY, EDUARDO; COLOTE, SOUDHIR
; TITLE OF INVENTION: ANTI SENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.L.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (CEB)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/952,597
; FILING DATE: 21-NOV-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR96/00785
; FILING DATE: 24-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9510718.1
; FILING DATE: 26-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 427,009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-952-597-2

Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 806 TAATGGAGATGTT 818
   |:|:|:|:|:|:|
DB 1 TAATGGAGATGTT 13

RESULT 844
; US-08-952-597-5
; Sequence 5, Application US/08952597
; Patent No. 5892023
; GENERAL INFORMATION:
; APPLICANT: PIROTZKY, EDUARDO; COLOTE, SOUDHIR
; TITLE OF INVENTION: ANTI SENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.L.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
```

```

ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30 (OEB)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/952,597
FILING DATE: 21-NOV-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCN/FR96/00785
FILING DATE: 24-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9510718.1
FILING DATE: 26-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 427,009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
IS-08-952-597-5

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 806 TAAATGGAGATGTT 818
|||||
b 1 TAAATGGAGATGTT 13

RESULT 845
IS-09-038-073-662
Sequence 662, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 663:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-663

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Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02; Indels 0; Gaps 0;
Matches 7; Conservative 6; Mismatches 0;

QY 2053 ATTTTGTGAGCC 2065
   |:|::|:|:|
Db 3 AUUUUGUGGCC 15

RESULT 847
US-09-081-646-373
; Sequence 373, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 373
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-373

Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 466 TGGGCTGGGGGCC 478
   |:|:|:|:|:|
Db 3 TGGGCTGGGGGCC 15

RESULT 848
US-08-486-421-27
; Sequence 27, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.

Query Match          0.6%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 1336 GAGGAGGAGGAGG 1348
   |:|:|:|:|:|
Db 2 GAGGAGGAGGAGG 14

RESULT 849
US-08-470-911-27
; Sequence 27, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-470-911-27

Query Match          0.6%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 1336 GAGGAGGAGGAGG 1348
   |:|:|:|:|:|
Db 2 GAGGAGGAGGAGG 14
```

RESULT 850  
US-08-486-809-27  
Sequence 27, Application US/08486809  
Patent No. 5869622  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergmann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,809  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-486-809-27  
Query Match 0.6%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1336 GAGGAGGAGAGG 1348  
|||||  
b 2 GAGGAGGAGAGG 14  
RESULT 851  
US-08-173-489C-2/c  
Sequence 2, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C.-G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (212) 246-8959  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from c-myc  
HYPOTHETICAL: Yes  
ANTI-SENSE: No  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 2 :FROM 1 TO 17  
US-08-173-489C-2  
Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
CY 1422 AGAGGAGAGAAA 1434  
|||||  
DB 13 AGAGGAGAGAAA 1  
RESULT 852  
US-08-733-816-2  
Sequence 2, Application US/08733816  
Patent No. 5922536  
GENERAL INFORMATION:  
APPLICANT: Nivens, David E.  
APPLICANT: Applegate, Bruce M.  
TITLE OF INVENTION: APPARATUS AND METHOD FOR NUCLEIC  
TITLE OF INVENTION: ACID ISOLATION USING SUPERCRITICAL FLUIDS  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/733,816  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:

```
/ NAME: Altman, Daniel E
/ REGISTRATION NUMBER: 34,115
/ REFERENCE/DOCKET NUMBER: NATWTR.005A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 714/760-0404
/ TELEFAX: 714/760-9503
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
JS-08-733-816-2

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 853
US-08-892-540-2
; Sequence 2, Application US/08892540
; Patent No. 6110674
; GENERAL INFORMATION:
; APPLICANT: Nivens, David E.
; APPLICANT: Applegate, Bruce M.
; TITLE OF INVENTION: APPARATUS AND METHOD FOR NUCLEIC
; TITLE OF INVENTION: ACID ISOLATION USING SUPERCRITICAL FLUIDS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/892,540
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/733,816
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NATWTR.005A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
JS-08-892-540-2

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: NATWTR.005A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714/760-0404
TELEFAX: 714/760-9503
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
JS-08-733-816-2

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 854
US-08-953-171-40
; Sequence 40, Application US/08953171
; Patent No. 6124094
; GENERAL INFORMATION:
; APPLICANT: LAJOIE, CURTIS
; APPLICANT: LAYTON, ALICE
; APPLICANT: KELLY, CHRISTINE
; APPLICANT: SAYLER, GARY
; APPLICANT: STAPLETON, RAYMOND
; TITLE OF INVENTION: ZOOLOGICAL AND HYPHOMICROBIUM
; TITLE OF INVENTION: SPP. NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: 127 Peachtree Street, N.E., Suite 1200
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/953,171
; FILING DATE: 17-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spratt, Gwendolyn DD
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 05015.018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404 688 0770
; TELEFAX: 404 688 9880
; TELEX:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE: W = A/T; R = A/G
US-08-953-171-40

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 855
US-08-584-040-5944
; Sequence 5944, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
```

APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5944:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5944

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Y 2047 ATTTCATTG 2059

b 5 AUUUCAUUUUG 17

RESULT 856

US-08-584-040-5945

Sequence 5945, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5945:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5945

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy 2047 ATTTCATTG 2059

Db 4 AUUUCAUUUUG 16

RESULT 857

US-08-584-040-5946

Sequence 5946, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996



CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5946:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5946

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059  
|:|:|:|:|:|:|:  
DB 1 AUUUCAUUUUG 13

## RESULT 858

US-09-371-772B-2781  
Sequence 2781, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2781  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2781

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059  
|:|:|:|:|:|:|:  
DB 5 AUUUCAUUUUG 17

## RESULT 859

US-09-371-772B-2782  
Sequence 2782, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2782  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2782

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059  
|:|:|:|:|:|:|:  
DB 4 AUUUCAUUUUG 16

## RESULT 860

US-09-371-772B-2783  
Sequence 2783, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2783  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2783

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 30.8%; Pred. No. 4.5e+02;  
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059  
|:|:~::~||:~::~||:  
DB 1 AUUUCAUUUUG 13

## RESULT 861

US-08-152-313-70/c  
Sequence 70, Application US/08152313  
Patent No. 5561041  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
TITLE OF INVENTION: ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/152,313  
FILING DATE: 12-NOV-1993  
CLASSIFICATION: 435

## ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 70:

## SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:

NAME/KEY: CDS

LOCATION: 1..18

S-08-152-313-70

Query Match 0.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 835 GTCTTACAGTGTG 847  
|||||  
Db 14 GTCTTACAGTGTG 2

## RESULT 862

S-08-579-223-70/c  
Sequence 70, Application US/08579223  
Patent No. 5726019  
GENERAL INFORMATION:

APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
TITLE OF INVENTION: ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/579,223  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 70:

## SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-579-223-70

Query Match 0.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 GTCTTACAGTGTG 847  
|||||  
Db 14 GTCTTACAGTGTG 2

## RESULT 863

US-09-422-978-4796/c  
Sequence 4796, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 4796  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-17833 for SEQ 862,  
US-09-422-978-4796

Query Match 0.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1992 CTCTCTCCTAATTC 2004  
|||||  
Db 15 CTCTCTCCTAATTC 3

## RESULT 864

US-08-780-562-36/c  
Sequence 36, Application US/08780562  
Patent No. 6541604  
GENERAL INFORMATION:  
APPLICANT: Matthews, William  
APPLICANT: Bennett, Brian  
TITLE OF INVENTION: WSX RECEPTOR

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
US-08-780-562-37

Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 TATGAGACAGCTG 1015
Db |||||
18 6 TATGAGACAGCTG 18

RESULT 866
PCT-US94-12947A-70/c
; Sequence 70, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
;
PCT-US94-12947A-70

```

Query Match 0.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 835 GTCTTACAGTGTG 847  
| | | | | | | | | |  
b 14 GTCTTACAGTGTG 2

RESULT 867  
US-09-242-435-29  
Sequence 29, Application US/09242435  
Patent No. 6461863  
GENERAL INFORMATION:  
APPLICANT: JARVIS, DONALD L.  
TITLE OF INVENTION: MODIFYING INSECT CELL GLYCOSYLATION PATHWAYS WITH  
TITLE OF INVENTION: RACULOVIRUS EXPRESSION VECTORS  
FILE REFERENCE: UWYO:002US  
CURRENT APPLICATION NUMBER: US/09/242.435  
CURRENT FILING DATE: 1999-02-16  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 29  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
S-09-242-435-29

Query Match 0.6%; Score 13; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 593 TTCACCATGGTGA 605  
| | | | | | | | | |  
b 1 TTCACCATGGTGA 13

RESULT 868  
US-09-422-978-5976/c  
Sequence 5976, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422.978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 5976  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-8173 for SEQ 2042,  
S-09-422-978-5976

Query Match 0.6%; Score 13; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1384 AAGAGAGTCACAAA 1396  
| | | | | | | | | |  
Db 15 AAGAGAGTCACAAA 3

RESULT 869  
US-09-422-978-7292  
Sequence 7292, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422.978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7292  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,  
US-09-422-978-7292

Query Match 0.6%; Score 13; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 209 GAAAAATGGAAAT 221  
| | | | | | | | | |  
Db 2 GAAAAATGGAAAT 14

RESULT 870  
US-09-422-978-7382  
Sequence 7382, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422.978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7382  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-4182 for SEQ 3448,  
US-09-422-978-7382

Query Match 0.6%; Score 13; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1376 AAAAGCCCAAG 1388  
DB 2 AAAAGCCCAAG 14

RESULT 871  
US-08-179-738-22  
; Sequence 22, Application US/08179738  
; Patent No. 5578462  
; GENERAL INFORMATION:  
; APPLICANT: Seizinger, Bernd R.  
; APPLICANT: Kley, Nikolai A.  
; APPLICANT: Bianchi, Albert B.  
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/179,738  
; FILING DATE: 10-JAN-1994  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5998-0017  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-179-738-22

Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1855 GGCTGGCTGGTC 1867  
DB 1 GGCTGGCTGGTC 13

RESULT 872  
US-08-648-298-5  
; Sequence 5, Application US/08648298  
; Patent No. 5871990  
; GENERAL INFORMATION:  
; APPLICANT: Henrik Clausen  
; APPLICANT: Eric Paul Bennett  
; TITLE OF INVENTION: UDP-N-acetyl-alpha-D-galactosamine:polypeptide  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Darby & Darby PC  
; STREET: 805 Third Avenue

CITY: New York  
STATE: NY  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648,298  
FILING DATE: 15-JUN-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Green, Reza  
REGISTRATION NUMBER: 38,475  
REFERENCE/DOCKET NUMBER: 4035/08865  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212527700  
TELEFAX: 2127536237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna to mRNA  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: EBHC100 primer  
US-08-648-298-5

Query Match 0.8%; Score 13; DB 1; Length 20;  
Best Local Similarity 86.7%; Pred. No. 6.5e+02;  
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1447 GAGGAGAAACCAAG 1461  
DB 5 GAGGAGAAACCTAG 19

RESULT 873  
US-08-628-145-22  
; Sequence 22, Application US/08628145  
; Patent No. 5872214  
; GENERAL INFORMATION:  
; APPLICANT: Seizinger, Bernd R.  
; APPLICANT: Kley, Nikolai A.  
; APPLICANT: Bianchi, Albert B.  
; TITLE OF INVENTION: No. 5872214el NF2 Isoforms  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/628,145  
; FILING DATE: 04-APR-1996  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/179,738  
; FILING DATE: 10-JAN-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robins, Roberta L.

REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 5998-0017  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 617-8999  
TELEFAX: (415) 327-3231  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-628-145-22

Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1855 GGGTGGCTGGGTC 1867  
b 1 GGGTGGCTGGGTC 13

## RESULT 874

US-08-837-201C-129  
Sequence 129, Application US/08837201C  
Patent No. 5985558  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1454  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 129:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-08-837-201C-129  
Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631  
Db 1 AAATATAAATATC 13

## RESULT 875

US-08-837-201C-137  
Sequence 137, Application US/08837201C  
Patent No. 5985558  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1454  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 137:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-08-837-201C-137  
Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631  
Db 1 AAATATAAATATC 13

## RESULT 876

US-07-861-458C-84  
Sequence 84, Application US/07861458C  
Patent No. 6232061  
GENERAL INFORMATION:  
APPLICANT: Marchionni, Mark Andrew  
APPLICANT: Johnson, Carl D.  
TITLE OF INVENTION: HOMOLOGY CLONING  
NUMBER OF SEQUENCES: 142  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston

```
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/861,458C
; FILING DATE: 04/01/92
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04585/014001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-861-458C-84

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1719 TTCTTACTTTGAACCAATA 1738
Db 1 TGYTTYACNTTYAAYCAYAA 20

RESULT 877
US-09-364-416-129
; Sequence 129, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 137:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-364-416-137

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631
Db 1 AAATATAAATATC 13

RESULT 878
US-09-364-416-137
; Sequence 137, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 137:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-364-416-137

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631
```

```
|||||
db 1 AATATTAATATC 13

RESULT 879
JS-09-659-791A-45/c
; Sequence 45, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-659-791A-45

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

ZY 1681 AGCTCTTCAGGA 1693
|||||
db 20 AGCTCTTCAGGA 8

RESULT 880
JS-09-851-896-21/c
; Sequence 21, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPEND
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-851-896-21

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

ZY 1322 TCTCCGATTCGTA 1334
|||||
db 13 TCTCCGATTCGTA 1

RESULT 881
JS-09-659-845A-57
; Sequence 57, Application US/09659845A
; Patent No. 6492170
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-57

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1401 GGATGAAAAGAG 1413
|||||
db 6 GGATGAAAAGAG 18

RESULT 882
US-09-403-343B-34
; Sequence 34, Application US/09403343B
; Patent No. 6555091
; GENERAL INFORMATION:
; APPLICANT: JOLIVET-REYNAUD, COLETTE
; APPLICANT: PERRON, HERVE
; APPLICANT: MANDRAND, BERNARD
; TITLE OF INVENTION: POLYPEPTIDE CAPABLE OF REACTING WITH ANTIBODIES OF
; TITLE OF INVENTION: PATIENTS SUFFERING FROM MULTIPLE SCLEROSIS AND USES
; FILE REFERENCE: 104574
; CURRENT APPLICATION NUMBER: US/09/403,343B
; CURRENT FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: FR/97/05679
; PRIOR FILING DATE: 1997-04-29
; PRIOR APPLICATION NUMBER: FR/97/16870
; PRIOR FILING DATE: 1997-12-31
; PRIOR APPLICATION NUMBER: PCT/FR98/00870
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-403-343B-34

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1384 AAGAGAGTCAAAA 1396
|||||
db 3 AAGAGAGTCAAAA 15

RESULT 883
US-09-533-494A-19
; Sequence 19, Application US/09533494A
; Patent No. 6586581
; GENERAL INFORMATION:
; APPLICANT: Bancroft, F. Carter
; APPLICANT: Fliss, Maikiko
; APPLICANT: Taylor, Clelland, Catherine L.
; TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
; TITLE OF INVENTION: PROTEIN AND USES THEREOF
; FILE REFERENCE: AP31818 070165.0497
; CURRENT APPLICATION NUMBER: US/09/533,494A
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Fast-SEQ for Windows Version 3.0
```



; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-533-494A-19

Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1531 GGCTTCCTGCTGA 1543  
Db 4 GGCTTCCTGCTGA 16

## RESULT 884

US-09-081-385-33/c  
; Sequence 33, Application US/09081385  
; Patent No. 6593456  
; GENERAL INFORMATION:

; APPLICANT: Gatanaga, T.  
; TITLE OF INVENTION: Factors Altering Tumor Necrosis  
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods  
; TITLE OF INVENTION: of Use Thereof  
; NUMBER OF SEQUENCES: 154  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 755 PAGE MILL ROAD  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/081,385  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/964,747  
; FILING DATE: 05-NOV-1997  
; APPLICATION NUMBER: 60/030,761  
; FILING DATE: 06-NOV-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wu, Frank  
; REGISTRATION NUMBER: 41,386  
; REFERENCE/DOCKET NUMBER: 22000-20577.21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-813-5600  
; TELEFAX: 650-494-0792  
; TELEX: 706141

; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-081-385-33

Query Match 0.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1005 TGAGACAGCTGTG 1017  
Db 13 TGAGACAGCTGTG 1

## RESULT 885

US-08-856-141-22  
; Sequence 22, Application US/08856141  
; Patent No. 5948616  
; GENERAL INFORMATION:  
; APPLICANT: CHAO, JULIE  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF  
; TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WIT  
; TITLE OF INVENTION: ESSENTIAL HYPERTENSION

; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
; STREET: Suite 1200, 127 Peachtree Street, NE  
; CITY: Atlanta  
; STATE: GA  
; COUNTRY: USA  
; ZIP: 30303

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/856,141  
; FILING DATE: 14-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Miller, Mary L  
; REGISTRATION NUMBER: 39,303  
; REFERENCE/DOCKET NUMBER: 19070.0045  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 404/688-0770  
; TELEFAX: 404/688-9880  
; TELEX:

; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-856-141-22

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1338 GGAGGGAGGGGGGC 1353  
Db 1 GGAGGGGGGGGGGC 16

## RESULT 886

US-09-094-714A-52  
; Sequence 52, Application US/09094714A  
; Patent No. 6117847  
; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Nicholas M. Dean  
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF  
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/094,714A  
FILING DATE: June 15, 1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/601,269  
FILING DATE: 14-FEB-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/478,178  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/089,996  
FILING DATE: 09-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/852,852  
FILING DATE: 16-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-2943  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-094-714A-52

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCCAGA 1424  
Db 1 AAGAGAGAGACCCCTGA 16

## RESULT 887

US-09-495-140-22  
Sequence 22, Application US/09495140  
Patent No. 6376182  
GENERAL INFORMATION:  
APPLICANT: CHAO, LEE  
APPLICANT: CHAO, JULIE  
APPLICANT: SONG, QING  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING  
TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT  
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION  
FILE REFERENCE: 19113.0081  
CURRENT APPLICATION NUMBER: US/09/495,140  
CURRENT FILING DATE: 2000-01-31  
EARLIER APPLICATION NUMBER: 09/389,566  
EARLIER FILING DATE: 1999-09-03  
EARLIER APPLICATION NUMBER: 08/856,141  
EARLIER FILING DATE: 1997-05-14  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =  
OTHER INFORMATION: synthetic construct  
US-09-495-140-22

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1338 GGAGGGAGAGGGGGC 1353  
Db 1 GGAGGGGGGGGGGGC 16

## RESULT 888

US-09-507-345A-11  
Sequence 11, Application US/09507345A  
Patent No. 6426408  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/507,345A  
FILING DATE: 18-Feb-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003500US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-507-345A-11

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CCTGGAGAAGATCAA 1152  
Db 1 CCAGCAGAAGATCAA 16

## RESULT 889

US-09-506-286B-35  
Sequence 35, Application US/09506286B  
Patent No. 6482414  
GENERAL INFORMATION:  
APPLICANT: Dowling, Patricia W.  
APPLICANT: Youngner, Julius S.

APPLICANT: The University of Pittsburgh, of the Commonwealth  
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES  
FILE REFERENCE: EQ-1-C2  
CURRENT APPLICATION NUMBER: US/09/506,286B  
CURRENT FILING DATE: 2000-02-16  
PRIOR APPLICATION NUMBER: 09/133,921  
PRIOR FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: PCT/US99/18583  
PRIOR FILING DATE: 1999-08-12  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 35  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
US-09-506-286B-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCGTGTACGTCAA 524  
||| ||||| |||||  
Db 1 GCATCTGTTAAGTCAA 16

RESULT 890  
US-09-739-928-11  
Sequence 11, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/POCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-739-928-11

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CCTCGAGAGATCAAA 1152  
||| ||||| |||||  
Db 1 CCAGCAGAGATCAAA 16

RESULT 891  
US-09-371-772B-5988  
Sequence 5988, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5988  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5988

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 62.5%; Pred. No. 4.4e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTGCTGTGAAACT 434  
||| :||| :||| :  
Db 1 CAACUGCUUGAAACU 16

RESULT 892  
US-09-762-861B-35  
Sequence 35, Application US/09762861B  
Patent No. 6579528  
GENERAL INFORMATION:  
APPLICANT: The University of Pittsburgh - of the Commonwealth System of Higher  
APPLICANT: Education  
APPLICANT: Dowling, Patricia W.  
APPLICANT: Youngner, Julius S.  
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES  
FILE REFERENCE: EQ-1-CL-PUS (formerly HKZ-033CPUS)  
CURRENT APPLICATION NUMBER: US/09/762,861B  
CURRENT FILING DATE: 2001-02-13  
PRIOR APPLICATION NUMBER: PCT/US99/18583  
PRIOR FILING DATE: 1999-08-12  
PRIOR APPLICATION NUMBER: 09/133,921  
PRIOR FILING DATE: 1998-08-13  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 35

;  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-762-861B-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCTGTACGTCAA 524  
||| ||||| |||||  
Db 1 GCATCTGTTAAGTCAA 16

RESULT 893  
US-09-479-005A-130/c  
; Sequence 130, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 130  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-130

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1600 ATTATATATAAAATT 1615  
||| ||||| |||||  
yb 16 ATTATATATAAAATT 1

RESULT 894  
US-10-065-133A-35  
Sequence 35, Application US/10065133A  
Patent No. 6685946  
GENERAL INFORMATION:  
APPLICANT: Dowling, Patricia W.  
APPLICANT: Youngner, Julius S.  
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES  
FILE REFERENCE: EQ-1-C2-1  
CURRENT APPLICATION NUMBER: US/10/065,133A  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: PCT/US99/18583  
PRIOR FILING DATE: 1999-08-12  
PRIOR APPLICATION NUMBER: 09/133,921  
PRIOR FILING DATE: 1998-08-13  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 35  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
S-10-065-133A-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCTGTACGTCAA 524  
||| ||||| |||||  
Db 1 GCATCTGTTAAGTCAA 16

RESULT 895  
US-08-152-313-57/c  
; Sequence 57, Application US/08152313  
; Patent No. 5561041  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
; TITLE OF INVENTION: ANALYSIS OF SPUTUM  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/152,313  
; FILING DATE: 12-NOV-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wetherell, Jr., Ph.D., John R.,  
; REGISTRATION NUMBER: 31,678  
; REFERENCE/DOCKET NUMBER: PD-2912  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 57:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..17  
US-08-152-313-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 GGCCATCTCGAACTG 552  
||| ||||| |||||  
Db 16 GCCCAUCCAGGAACGTG 1

RESULT 896  
US-08-146-504-20  
; Sequence 20, Application US/08146504  
; Patent No. 5605662  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; and Tu, Eugene  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR  
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND  
; TITLE OF INVENTION: DIAGNOSTICS

NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/146,504  
FILING DATE: No. 5605662ember 1, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-146-504-20

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTGAGAGGAGGAGGAGA 1346  
DB 1 CTGAGAGGAGGAGGAGA 16

RESULT 897  
US-08-390-850-529  
Sequence 529, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 529:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-529

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 5.1e+02;  
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1091 TCCACATCAGTCCTTC 1106  
DB 2 UCCAGAUCCUGCCUUC 17

RESULT 898  
US-08-390-850-547  
Sequence 547, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 547:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 08-390-850-547

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 56.2%; Pred. No. 5.1e+02;  
 Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCTTCACGTTCT 1558  
 |||::|||::|::|  
 2 AGUCCUACGGAUUCU 17

SULT 899  
 08-390-850-568/C  
 Sequence 568, Application US/08390850  
 Patent No. 5612215  
 GENERAL INFORMATION:  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Gustofson, John  
 APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 OF ARTHRITIC CONDITIONS  
 NUMBER OF SEQUENCES: 1151  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/390,850  
 FILING DATE: February 17, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487  
 FILING DATE: NO. 5612215ember 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 568:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs

TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-390-850-568  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 431 AACTTATATAGCAGCA 446  
 |||||::|||::|::|  
 Db 16 AACITCAATGACGCA 1

RESULT 900

US-08-373-124A-330  
 Sequence 330, Application US/08373124A  
 Patent No. 5646042  
 GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 330:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-330

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 50.0%; Pred. No. 5.1e+02;  
 Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

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Qy 1882 GTTTTTCAGGCTCC 1897
Db 1 GUTUUCACAGGCCUCC 16

RESULT 901
US-08-373-124A-828/c
; Sequence 828, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 828:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-828

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1369 AACTTCAAAAAGCCA 1384
Db 16 AATTCAAAAACCCA 1

RESULT 902
US-08-373-124A-830/c
; Sequence 830, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 828:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-828

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1369 AACTTCAAAAAGCCA 1384
Db 17 AATTCAAAAACCCA 2

RESULT 902
US-08-373-124A-830/c
; Sequence 830, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 830:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-830

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 1935:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1935

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1591 TCTCTGCTGTTTATA 1606

DB 17 TCTCTGCTGTTTATA 2

## RESULT 904

US-08-373-124A-2475  
Sequence 2475, Application US/08373124A  
Patent No. 5646042

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 2475:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2475

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.1e+02;

Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1142 AGAAGATCAACAGCG 1157

DB 2 AGAAGATCAACAGAGUG 17

## RESULT 905

US-08-579-223-57/c  
Sequence 57, Application US/08579223  
Patent No. 5726019

## GENERAL INFORMATION:

APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/579,223  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,679



REFERENCE/DOCKET NUMBER: PD-2912  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..17  
US-08-579-223-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. NO. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 537 GCCATCCTGGAACTG 552  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 GCCATCAGGAAGT 1

## RESULT 906

US-08-435-634-529  
Sequence 529, Application US/08435634  
Patent No. 5731295

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 529:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-529

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. NO. 5.1e+02;  
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1091 TCCATCATCAGTCCTTC 1106  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 UCCAGAUUGUCCUUC 17

## RESULT 907

US-08-435-634-547  
Sequence 547, Application US/08435634  
Patent No. 5731295

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 547:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-547



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; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 828:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-828

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Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 1369 AACTTCAAAAAGCCA 1384
Db 17 AATTCAAAAAGCCA 2

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RESULT 911
US-08-435-628-830/c
; Sequence 830, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

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; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 830:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-830

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Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 1369 AACTTCAAAAAGCCA 1384
Db 16 AATTCAAAAAGCCA 1

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RESULT 912
US-08-435-628-1935/c
; Sequence 1935, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700

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Thu Sep 16 13:16:23 2004

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;
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA: US/08/435,628
; APPLICATION NUMBER: 08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2475:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2475
;
; Query Match 0.6%; Score 12.8; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 5.1e+02;
; Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1142 AGAGATCAACACGCG 1157
;      |||||:|||||
; Db 2 AGAGATCAACAGAGUG 17
;
; RESULT 914
; US-08-162-081B-19
; Sequence 19, Application US/08162081B
; Patent No. 5824492
; GENERAL INFORMATION:
; APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu
; APPLICANT: Bala; Waterfield, Michael Derek; Parker, Peter
; APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,
; APPLICANT: Stefano; Gout, Ivan Tarasovitch
; TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,
; TITLE OF INVENTION: THEIR PREPARATION AND USE
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,081B
; FILING DATE: February 7, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
;

```

```

;
;
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1935:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-1935
;
; Query Match 0.6%; Score 12.8; DB 1; Length 17;
; Best Local Similarity 87.5%; Pred. No. 5.1e+02;
; Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1591 TCTCTGTGTAATTATA 1606
;      |||||:|||||
; Db 17 TCTCTGTGTAATTATA 2
;
; RESULT 913
; US-08-435-628-2475
; Sequence 2475, Application US/08435628
; Patent No. 5817736
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;

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;; APPLICATION NUMBER: PCT/GB93/00761  
;; FILING DATE: 13 April 1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Pasqualini, Patricia A.  
;; REGISTRATION NUMBER: 34,894  
;; REFERENCE/DOCKET NUMBER: LUD 5256  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (212) 688-9200  
;; TELEFAX: (212) 838-3884  
;; INFORMATION FOR SEQ ID NO: 19:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-162-081B-19

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1524 CAGCTCTGGCTTCCTG 1539  
Db 1 CAGGCGCTGGCTTCCTG 16

RESULT 915  
US-08-780-872-19  
; Sequence 19, Application US/08780872  
; Patent No. 5846824  
; GENERAL INFORMATION:  
; APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu  
; APPLICANT: Bala; Waterfield, Michael Derek; Parker, Peter  
; APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,  
; APPLICANT: Stefano; Gout, Ivan Tarasovitch  
; TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/780,872  
; FILING DATE: 09-JAN-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/162,081  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: PCT/GB93/00761  
; FILING DATE: 13 April 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pasqualini, Patricia A.  
; REGISTRATION NUMBER: 34,894  
; REFERENCE/DOCKET NUMBER: LUD 5256  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-780-872-19

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1524 CAGCTCTGGCTTCCTG 1539  
Db 1 CAGGCGCTGGCTTCCTG 16

RESULT 916  
US-08-173-489C-38/c  
; Sequence 38, Application US/08173489C  
; Patent No. 5861244  
; GENERAL INFORMATION:  
; APPLICANT: WANG, C. -G.  
; APPLICANT: HEPBURN, A. G.  
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
; NUMBER OF SEQUENCES: 365  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
; STREET: 510 EAST 73RD STREET,  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10021.  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
; COMPUTER: IBM PC/XT/AT  
; OPERATING SYSTEM: MS-DOS version 6.2  
; SOFTWARE: Wordperfect Version 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/173,489C  
; FILING DATE: 22 DEC 1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/968,436  
; FILING DATE: 29 OCT 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Handelman, Joseph H.  
; REGISTRATION NUMBER: 26,179  
; REFERENCE/DOCKET NUMBER: 09518-6  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (attorney) (212) 708-1880  
; TELEFAX: (attorney) (212) 246-8959  
; INFORMATION FOR SEQ ID NO: 38:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 bases  
; TYPE: Nucleic Acid  
; STRANDEDNESS: single stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: third strand derived from dystrophin  
; DESCRIPTION: sequence region in Seq ID No. 586124437  
; HYPOTHETICAL: Yes  
; ANTI-SENSE: No  
; PUBLICATION INFORMATION:  
; RELEVANT RESIDUES IN SEQ ID NO: 38 :FROM 1 TO 17  
US-08-173-489C-38

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1423 GAGGAGACAAAGAG 1438  
Db 17 GAGGAGAAAGAGAG 2

RESULT 917  
US-08-725-976-20  
; Sequence 20, Application US/08725976

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;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
;

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/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-271-882B-20
/
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1331 CTGAGAGGAGGAGA 1346
Db 1 CTGAGAGGAGGAGA 16

RESULT 920
US-08-985-162-14
; Sequence 14, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-14
;
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1680 GAGCTCTTCAGGAGC 1695
Db 2 GAGCUCUUCGGGAGC 17

RESULT 921
US-08-985-162-15
; Sequence 15, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-15
;
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1680 GAGCTCTTCAGGAGC 1695
Db 1 GAGCUCUUCGGGAGC 16

RESULT 922
US-08-985-162-42
; Sequence 42, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
```

APPLICANT: McSwiggen, James  
 TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 TITLE OF INVENTION: FACTOR RECEPTORS  
 NUMBER OF SEQUENCES: 1877  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/985,162  
 FILING DATE: 04 December 1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/036,476  
 FILING DATE: 31 January 1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 230/107  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 42:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 JS-08-985-162-42  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 5.1e+02;  
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
 QY 113 GGGATGTTGGAATTA 128  
 Db 2 GGGAAUUGGAAATUA 17  
 RESULT 923  
 US-08-726-278-20  
 ; Sequence 20, Application US/08726278  
 ; Patent No. 6238624  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Heller, Michael J.  
 ; APPLICANT: Tu, Eugene  
 ; APPLICANT: Evans, Glen A.  
 ; APPLICANT: Sosnowski, Ronald G.  
 ; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR  
 ; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS  
 ; CURRENT APPLICATION NUMBER: US/08/726,278  
 ; CURRENT FILING DATE: 1996-10-04  
 ; PRIOR APPLICATION NUMBER: 08/271,882  
 ; PRIOR FILING DATE: 1994-07-07  
 ; NUMBER OF SEQ ID NOS: 44  
 ; SOFTWARE: Patent in Ver. 2.0  
 ; SEQ ID NO 20  
 ; LENGTH: 17  
 ; TYPE: DNA

; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Sequences for  
 ; OTHER INFORMATION: Labeling  
 US-08-726-278-20  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1331 CTGAAGAGGAGGAGA 1346  
 Db 1 CTGGAGAGGAGGAGA 16  
 RESULT 924  
 US-09-085-957-19  
 ; Sequence 19, Application US/09085957  
 ; Patent No. 6274327  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu  
 ; APPLICANT: Bala; Waterfield, Michael Derek; Parker, Peter  
 ; APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,  
 ; APPLICANT: Stefano; Gout, Ivan Tarasovitch  
 ; TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,  
 ; TITLE OF INVENTION: THEIR PREPARATION AND USE  
 ; NUMBER OF SEQUENCES: 50  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSES: Relfe & Lynch  
 ; STREET: 805 Third Avenue  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10022  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: PC-DOS  
 ; SOFTWARE: Wordperfect  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/085,957  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/780,872  
 ; FILING DATE: 09-JAN-1997  
 ; APPLICATION NUMBER: 08/162,081  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: PCT/GB93/00761  
 ; FILING DATE: 13 April 1993  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Pasqualini, Patricia A.  
 ; REGISTRATION NUMBER: 34,894  
 ; REFERENCE/DOCKET NUMBER: LUD 5256  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 688-9200  
 ; TELEFAX: (212) 838-3884  
 ; INFORMATION FOR SEQ ID NO: 19:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-085-957-19  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1524 CAGCTCTGGCTTCTCTG 1539  
 Db 1 CAGGCTGGCTTCTCTG 16



## RESULT 925

```

US-08-584-040-1936/c
; Sequence 1936, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1936:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1936

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```

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 1427 AGAAGAAAGACTCAC 1442
Db 17 AGAAAAATAAGTCAC 2

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## RESULT 926

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US-08-584-040-1937/c
; Sequence 1937, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR

```

```

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1937:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1937

```

```

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 1426 GAGAAGAAAGACTCA 1441
Db 16 GAGAAAAATAAGTCAC 1

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## RESULT 927

```

US-08-584-040-2351
; Sequence 2351, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

```

;
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2403:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-2403
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 420 AAGTCTGTGAACCTT 435
Db 1 AACUGCUUGAAACUU 16

RESULT 929
US-08-584-040-4181/c
; Sequence 4181, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2351:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-584-040-2351
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 5.1e+02;
Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Y 2022 AGTCTAGTTTCCTTT 2037
b 1 AGUCACGUUUCUUU 16

RESULT 928
US-08-584-040-2403
; Sequence 2403, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4181

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CTACTGGTGTCTGT 416
   ||||| |||
Db 17 CTACTGGTGTCTGT 2

RESULT 930
US-08-584-040-5498
; Sequence 5498, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5498:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5498

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1401 GGATGAAAGAGAAA 1416
   ||||| |||
Db 2 GGAUGAUAAGAGAAA 17

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RESULT 931
US-08-584-040-5813/c
; Sequence 5813, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5813:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5813

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 ATCGCTGTGAATTGGG 469
   ||||| |||||
Db 17 ATCGCTGTGAATTGTG 2

RESULT 932
US-08-584-040-5815
; Sequence 5815, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

```

TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5815:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
5815-040-5815

ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 5816:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-584-040-5816

;  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 883:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-679-645-883

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 12.5%; Pred. No. 5.1e+02;  
Matches 2; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 1576 TTTATATTTCTATT 1591  
DB 2 UUUUUAUUUGUAUU 17  
:::||||::|::|

RESULT 935  
US-08-679-645-884  
; Sequence 884, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: California  
; ZIP: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994

;  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 884:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-679-645-884

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 12.5%; Pred. No. 5.1e+02;  
Matches 2; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 1576 TTTATATTTCTATT 1591  
DB 1 UUUUUAUUUGUAUU 16  
:::||||::|::|

RESULT 936  
US-09-474-432B-815  
; Sequence 815, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo  
; FILE REFERENCE: MHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; PRIOR FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 815  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-474-432B-815

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 5.1e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1239 GAGTGGCGATGAGGAC 1254  
DB 1 GAGUGCGGUGGGGAC 16  
|||||::|::|

RESULT 937  
US-09-371-772B-481/c  
; Sequence 481, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MEHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 481  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 -09-371-772B-481  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 / 1427 AGAAGAAAGAGTCA 1442  
 17 AGAAAAATAAGTCA 2  
 RESULT 938  
 S-09-371-772B-482/c  
 Sequence 482, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MEHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 482  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 -09-371-772B-482  
 Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1426 GAGAAGAAAGAGTCA 1441  
 DB 16 GAGAAAAATAAGTCA 1  
 RESULT 939  
 US-09-371-772B-896  
 Sequence 896, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam

```

; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH900,876-J (237/198)
; CURRENT APPLICATION NUMBER: US 09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-896

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 5.1e+02;
Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Qy      2022 AGTCTAGTTTCCTTT 2037
Db      1 AGUCACGUUCCUUU 16

RESULT 940
US-09-371-772B-948
; Sequence 948, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH900,876-J (237/198)
; CURRENT APPLICATION NUMBER: US 09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 948
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-948

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy      420 AAGTGCTGTGAACCTT 435
Db      1 AACUGCUUGAAACU 16

RESULT 941
US-09-371-772B-1948/c
; Sequence 1948, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim

```

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1948
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1948
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Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 401 CTACTGGTGGTCTCTGT 416
    ||||| ||||| |||||
DB 17 CTACTGGTGGTCTCTGT 2
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RESULT 942
US-09-371-772B-2389
; Sequence 2389, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2389
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1401 GGATGAAAAGAGAAA 1416
    ||||| ||||| |||||
DB 2 GGAUGAUAAGAGAAA 17
```

```
RESULT 943
US-09-371-772B-2678/c
; Sequence 2678, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2678
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 454 ATCGCTGTGAATGGG 469
    ||||| ||||| |||||
DB 17 ATCGCTGTGAATGGT 2
```

```
RESULT 944
US-09-371-772B-2680
; Sequence 2680, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2680
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 832 GTGGTCTTACAGTGTG 847
    ||||| ||||| |||||
DB 2 GUGGUCUUCGGUGUG 17
```

```
RESULT 945
US-09-371-772B-2681
; Sequence 2681, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

```

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2681

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

      832 GTGGTCTTACAGTGTG 847
      |||:|:|:|:|:|:|:|:|
      1 GUGGUCUUCGGUGUG 16

RESULT 946
US-09-371-772B-5309
Sequence 5309, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5309
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5309

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

2Y 419 CAAGTGTGTGAAGT 434
    |||:|:|:|:|:|:|:|:|
    2 CACUCUUCUUGAACU 17

Db

RESULT 947
US-09-371-772B-5395/c
Sequence 5395, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5395
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5395

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 349 GTTGGTGAGGACTGTC 364
   |||:|:|:|:|:|:|:|:|
   16 GGTGGAGGAGGACTGTC 1

Db

RESULT 948
US-09-371-772B-5572
Sequence 5572, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5572
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5572

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 647 CTGTGTCTTTTCATAA 662
   ||:|:|:|:|:|:|:|:|
   2 CUGUCUUCUUCUCAA 17

Db

RESULT 949
US-09-371-772B-5573
Sequence 5573, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

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; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5573  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5573

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 5.1e+02;  
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 647 CTGTGCTCTTTCATAA 662  
||:||||:||||  
Db 1 CUGUCUCCUCCAUAA 16

## RESULT 950

US-09-371-772B-6217/c  
; Sequence 6217, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6217  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6217

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 89 GGAAAGTCGTACTA 104  
|||||  
Db 17 GGAAATCTGTACC 2

## RESULT 951

US-09-371-772B-6259/c  
; Sequence 6259, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6259  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6259

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TATGCTGATGCTGGGA 960  
|||||  
Db 17 TATGCTGATGCTTCA 2

## RESULT 952

US-09-371-772B-6693/c  
; Sequence 6693, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6693  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6693

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CTACTGGTGTCTGT 416  
|||||  
Db 16 CTACTGGTGTGTGT 1

## RESULT 953

US-09-371-772B-6699/c  
; Sequence 6699, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B

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CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 6699
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
1-09-371-772B-6699

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1671 GTGCTGGGTGAGCTCT 1686
17 GAGCTGGCTGAGCTCT 2

RESULT 954
3-09-371-772B-6805/C
Sequence 6805, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 6805
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
1S-09-371-772B-6805

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 530 TCGTCTGGCCATCT 545
DB 16 TAGCTTTGCCATCT 1

RESULT 955
US-09-476-387-814
Sequence 814, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleob
FILE REFERENCE: MBH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387

CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: Patent in version 3.0
SEQ ID NO 814
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-814

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1239 GAGTGGCGATGAGGAC 1254
DB 1 GAGUGCGGUGGGGAC 16

RESULT 956
US-09-401-063-14
Sequence 14, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 14:

```

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-14

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 5.1e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 GAGCTCTTCAGGAGC 1695  
||||:|:|:| |  
Db 2 GAGCUCUUCGGGAGC 17

## RESULT 957

US-09-401-063-15  
; Sequence 15, Application US/09401063  
; Patent No. 6623962

; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Fast-SEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401.063  
; FILING DATE:

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; INFORMATION FOR SEQ ID NO: 15:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

## US-09-401-063-15

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 5.1e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 GAGCTCTTCAGGAGC 1695

Db 1 GAGCUCUUCGGGAGC 16  
||||:|:|:| |

## RESULT 958

US-09-401-063-42  
; Sequence 42, Application US/09401063  
; Patent No. 6623962

; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Fast-SEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401.063  
; FILING DATE:

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; INFORMATION FOR SEQ ID NO: 42:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

## US-09-401-063-42

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 5.1e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 113 GGGATGTTGGAATTA 128  
||||:|:|:| |  
Db 2 GGGAAUUGGAAAUUA 17

## RESULT 959

US-09-827-998-317  
; Sequence 317, Application US/09827998  
; Patent No. 6656700

; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2438
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2438

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 GGAGAAAACCAAGGAG 1464
Db 17 GGAGAAAACCAAGGAG 2

RESULT 962
US-09-866-108A-2439/c
Sequence 2439, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2439
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2439

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 GGAGAAACCAAGGAG 1464
      |||||
Db 16 GGAGAAACCAAGGAG 1

RESULT 963
US-09-866-108A-6561
; Sequence 6561, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6561

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 AGCTGTGCCCTGGAT 1026
      |||||
Db 16 AGCTGTGCCCTGGAT 1026

RESULT 964
US-09-866-108A-7083
; Sequence 7083, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7083

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1455 AACCAAGCAGGAGAG 1470
      |||||
Db 2 AGCAAGCAGGAGAG 17

RESULT 965
US-09-866-108A-8399
; Sequence 8399, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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Thu Sep 16 13:16:23 2004

CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 8399  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-8399

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 AGCCCAAGTGTGGA 920  
 | ||||| |||||  
 Db 2 AAGCCCAAGTGTGGA 17

RESULT 966  
 JS-09-866-108A-8400  
 Sequence 8400, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AECOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 8666  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-8666

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 8400  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-8400

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 AGCCCAAGTGTGGA 920  
 | ||||| |||||  
 Db 1 AAGCCCAAGTGTGGA 16

RESULT 967  
 US-09-866-108A-8666  
 Sequence 8666, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AECOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 8666  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-8666

QY 1454 AAACCAAGGAGGAGAA 1469  
 |||||  
 Db 2 AAGCCAAGAGGAGAA 17

## RESULT 968

US-09-866-108A-8943/c  
 ; Sequence 8943, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8943  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8943

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1693 CTCTTCAGGAGGCCAC 1698  
 |||||  
 Db 17 CTCTTCAGGAGGCCGC 2

## RESULT 969

US-09-866-108A-8948/c  
 ; Sequence 8948, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8948  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8948

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCAGGAG 1694  
 |||||  
 Db 16 TCAGCTCTTCAGGCG 1

RESULT 970  
 US-09-866-108A-9076/c  
 ; Sequence 9076, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8948  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8948

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCAGGAG 1694  
 |||||  
 Db 16 TCAGCTCTTCAGGCG 1

RESULT 970  
 US-09-866-108A-9076/c  
 ; Sequence 9076, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1693 CTCTTCAGGAGGCCAC 1698  
 |||||  
 Db 17 CTCTTCAGGAGGCCGC 2

RESULT 969  
 US-09-866-108A-8948/c  
 ; Sequence 8948, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14: Conservative 0; Mismatches 2. Indels



```
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9227

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1975 GCCTGCCCTCTGCTG 1990
Db 16 GGCTGCCCTCTGGCTG 1

RESULT 974
US-09-866-108A-10559/c
; Sequence 10559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9227

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1975 GCCTGCCCTCTGCTG 1990
Db 16 GGCTGCCCTCTGGCTG 1

RESULT 974
US-09-866-108A-10559/c
; Sequence 10559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9227

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1996 TCCTAATTCGAGGT 2011
Db 17 TCCTACTTCGAGGT 2

RESULT 975
US-09-866-108A-10560/c
; Sequence 10560, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10560

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
```

Thu Sep 16 13:16:23 2004

schultz167-3.rni

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1996 TCCTAATCTCGAGGT 2011  
||||| ||||| |||||  
16 TCCTACTTCTGGAGT 1

RESULT 976

CT-US94-12947A-57/c

Sequence 57, Application PC/TUS9412947A

GENERAL INFORMATION:

APPLICANT: The Johns Hopkins University School of Medicine

TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

TITLE OF INVENTION: ANALYSIS OF SPUTUM

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East, Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/12947A

FILING DATE: 10-NOV-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Ph.D., Lisa A.

REGISTRATION NUMBER: P-38,347

REFERENCE/DOCKET NUMBER: FD-2912

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..17

PCT-US94-12947A-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 GGCCATCTCTGGAACGTG 552

DB 16 GGCCATCCAGGACGTG 1

RESULT 977

US-08-105-483-196/c

Sequence 196, Application US/08105483

Patent No. 5494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

TITLE OF INVENTION: STRAIN

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY  
COUNTRY: USA  
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 840-3333

TELEFAX: (212) 840-0712

INFORMATION FOR SEQ ID NO: 196:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-105-483-196

Query Match 0.6%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 5.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215

DB 18 GTGCTACCTAAAAAT 3

RESULT 978

US-08-105-483-287/c

Sequence 287, Application US/08105483

Patent No. 5494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

TITLE OF INVENTION: STRAIN

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-105-483-287

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTCTGTTACGTCAA 524
Db 16 GCATCTGTTAGTCAA 1

RESULT 979
US-08-220-151-77/c
; Sequence 77, Application US/08220151
; Patent No. 5529780
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Limbach, Keith J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS gB, gC AND gD AND USES THEREFOR
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/220,151
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2540
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-220-151-77

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAT 215
Db 18 GTGTCTACCTAAAT 3

RESULT 980
US-07-977-284A-67
; Sequence 67, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-67

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1496 AGGTCAAGTTGGCTG 1511
Db 2 AGGTCAAGATGGCTG 17

RESULT 981
US-08-050-073-70/c
; Sequence 70, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.

```

STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,073  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
IS-08-050-073-70

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1492 GAGGAGGTCAGGTTGG 1507  
| | | | | | | | | | | | | | | |  
Db 18 GAGGAGGTTAGTTG 3

RESULT 982  
IS-08-379-081B-230  
; Sequence 230, Application US/08379081B  
; Patent No. 5580971  
; GENERAL INFORMATION:  
; APPLICANT: MITSUHASHI, MASATO  
; TITLE OF INVENTION: FUNGAL DETECTION SYSTEM  
; NUMBER OF SEQUENCES: 407  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: KNOBBE, MARTENS, OLSON AND BEAR  
; STREET: 620 NEWPORT CENTER DRIVE  
; CITY: NEWPORT BEACH  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/379,081B  
; FILING DATE:  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: ALTMAN, DANIEL E.  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: HITACHI.011A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; INFORMATION FOR SEQ ID NO: 230:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 bases

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdNA to rRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Candida kefyr  
CLONE: YSARSUB  
US-08-379-081B-230

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTCGGAGTACAGCAAG 330  
| | | | | | | | | | | | | | | |  
Db 1 TGTCGGAGNCCAGCGAG 17

RESULT 983  
US-08-146-504-6/c  
; Sequence 6, Application US/08146504  
; Patent No. 5605662  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; and Tu, Eugene  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR  
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND  
; TITLE OF INVENTION: DIAGNOSTICS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
; SOFTWARE: Wordperfect (Version 5.1)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/146,504  
; FILING DATE: No. 5605662ember 1, 1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 203/218  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-146-504-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTGAGAGGAGGAGGAGA 1346  
 Db 17 CTGGAGAGGAGGAGGAGA 2

## RESULT 984

US-08-183-211-9  
 ; Sequence 9, Application US/08183211  
 ; Patent No. 5618709  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEO- TIDES  
 ; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR  
 ; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN  
 ; NUMBER OF SEQUENCES: 11  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO  
 ; STREET: Suite 1800, Penn Center Plaza  
 ; CITY: Philadelphia  
 ; STATE: Pennsylvania  
 ; COUNTRY: U.S.A.  
 ; ZIP: 19102

COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: MS-DOS  
 ; SOFTWARE: Wordperfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/183,211  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Monaco, Daniel A.  
 ; REGISTRATION NUMBER: 30,480  
 ; REFERENCE/DOCKET NUMBER: 3957-15  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 568-8383  
 ; TELEFAX: (215) 568-5549  
 ; TELEX: No. 5618709e  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 Nucleotides  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single stranded  
 ; TOPOLOGY: linear

US-08-183-211-9  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTC 1550  
 Db 2 TCCGCTGAGGCCCTC 17

## RESULT 985

US-08-379-078-230  
 ; Sequence 230, Application US/08379078  
 ; Patent No. 5639612  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mitsuhashi, Masato  
 ; APPLICANT: Cooper, Allan  
 ; TITLE OF INVENTION: Gene Detection System  
 ; NUMBER OF SEQUENCES: 726  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR  
 ; STREET: 620 Newport Center Drive 16th Floor  
 ; CITY: Newport Beach  
 ; STATE: CA

US-08-183-211-9  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTC 1550  
 Db 2 TCCGCTGAGGCCCTC 17

## RESULT 986

US-07-976-103A-11/c  
 ; Sequence 11, Application US/07976103A  
 ; Patent No. 5645985  
 ; GENERAL INFORMATION:  
 ; APPLICANT: FROEHLER, BRIAN  
 ; APPLICANT: WAGNER, RICK  
 ; APPLICANT: MATTEUCCI, MARK  
 ; APPLICANT: JONES, ROBERT J.  
 ; APPLICANT: GUTIERREZ, ARNOLD J.  
 ; APPLICANT: PUDLO, JEFF  
 ; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
 ; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
 ; NUMBER OF SEQUENCES: 53  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: GILEAD SCIENCES, INC.  
 ; STREET: 353 Lakeside Drive  
 ; CITY: Foster City  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94404

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

## RESULT 986

US-07-976-103A-11/c  
 ; Sequence 11, Application US/07976103A  
 ; Patent No. 5645985  
 ; GENERAL INFORMATION:  
 ; APPLICANT: FROEHLER, BRIAN  
 ; APPLICANT: WAGNER, RICK  
 ; APPLICANT: MATTEUCCI, MARK  
 ; APPLICANT: JONES, ROBERT J.  
 ; APPLICANT: GUTIERREZ, ARNOLD J.  
 ; APPLICANT: PUDLO, JEFF  
 ; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
 ; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
 ; NUMBER OF SEQUENCES: 53  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: GILEAD SCIENCES, INC.  
 ; STREET: 353 Lakeside Drive  
 ; CITY: Foster City  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94404

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACACGAG 330  
 Db 1 TGTGGAGNCCAGCGAG 17

US-08-379-078-230  
 Query Match 0.6%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.8e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-07-976-103A-11  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Y 1403 ATGAAAAAGAGAGA 1418  
b 18 AGGAAAAAGAGAGAGA 3  
RESULT 987  
US-08-363-585-54  
Sequence 54, Application US/08363585  
Patent No. 5683872  
GENERAL INFORMATION:  
APPLICANT: Rudert, William A.  
APPLICANT: Trucco, Massimo  
TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
TITLE OF INVENTION: Dot Blots  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: University of Pittsburgh  
STREET: Office of Intellectual Property  
STREET: 911 William Pitt Union  
CITY: Pittsburgh  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 15260  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/786,228  
FILING DATE: 31-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA

FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-07-976-103A-11  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Y 1403 ATGAAAAAGAGAGA 1418  
b 18 AGGAAAAAGAGAGAGA 3  
RESULT 987  
US-08-363-585-54  
Sequence 54, Application US/08363585  
Patent No. 5683872  
GENERAL INFORMATION:  
APPLICANT: Rudert, William A.  
APPLICANT: Trucco, Massimo  
TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
TITLE OF INVENTION: Dot Blots  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: University of Pittsburgh  
STREET: Office of Intellectual Property  
STREET: 911 William Pitt Union  
CITY: Pittsburgh  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 15260  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/786,228  
FILING DATE: 31-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA

PUBLICATION INFORMATION:  
AUTHORS: Kimura, A.  
AUTHORS: Sasazuki, T.  
TITLE: Eleventh International Histocompatibility  
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
TITLE: Technique  
JOURNAL: HLA 1991  
VOLUME: 1  
PAGES: 397-419  
DATE: 1992  
RELEVANT RESIDUES IN SEQ ID NO: 54: 1 to 18  
US-08-363-585-54  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1492 GAGGAGGTCAAGTTGG 1507  
Db 1 GAGGAGGTAAAGTTG 16  
GAGGAGGTAAAGTTG 16  
RESULT 988  
US-08-363-585-94/c  
Sequence 94, Application US/08363585  
Patent No. 5683872  
GENERAL INFORMATION:  
APPLICANT: Rudert, William A.  
APPLICANT: Trucco, Massimo  
TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
TITLE OF INVENTION: Dot Blots  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: University of Pittsburgh  
STREET: Office of Intellectual Property  
STREET: 911 William Pitt Union  
CITY: Pittsburgh  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 15260  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/786,228  
FILING DATE: 31-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
PUBLICATION INFORMATION:  
AUTHORS: Kimura, A.  
AUTHORS: Sasazuki, T.  
TITLE: Eleventh International Histocompatibility  
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing

```

; TITLE: Technique
; JOURNAL: HLA 1991
; VOLUME: 1
; PAGES: 397-419
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 94: 1 to 18
US-08-363-585-94

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1865 GTCCTACCGAATCC 1880
Db 16 GTCTCCAGGATGCC 1

RESULT 989
US-08-413-118-77/c
; Sequence 77, Application US/08413118
; Patent No. 5688920
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/413,118
; FILING DATE: 29-MAR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/220,151
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-413-118-77

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 200 GTCTACCGAAT 215
Db 18 GTGTACCTAAAT 3

RESULT 990
US-08-363-240A-1082/c

; TITLE: Technique
; JOURNAL: HLA 1991
; VOLUME: 1
; PAGES: 397-419
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 94: 1 to 18
US-08-363-585-94

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1865 GTCCTACCGAATCC 1880
Db 16 GTCTCCAGGATGCC 1

RESULT 989
US-08-413-118-77/c
; Sequence 77, Application US/08413118
; Patent No. 5688920
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/413,118
; FILING DATE: 29-MAR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/220,151
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-413-118-77

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 200 GTCTACCGAAT 215
Db 18 GTGTACCTAAAT 3

RESULT 990
US-08-363-240A-1082/c

; Sequence 1082, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1082:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-363-240A-1082

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 638 GGGTCATGACTGTGTC 653
Db 17 GGGTCAGGACTGTGTC 2

RESULT 991
US-08-224-657-53/c
; Sequence 53, Application US/08224657
; Patent No. 5756102
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York

```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 196:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-709-209-196

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215  
||| ||||| |||||  
DB 18 GTGCTACCTAAAAAT 3

RESULT 993  
US-08-709-209-287/c  
Sequence 287, Application US/08709209  
Patent No. 5762938  
GENERAL INFORMATION:  
APPLICANT: Paoletti, Enzo  
TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
NUMBER OF SEQUENCES: 462  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
ADDRESSEE: c/o William S. Frommer  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215  
||| ||||| |||||  
DB 18 GTGCTACCTAAAAAT 3

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,209  
FILING DATE: 21-AUG-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/105,483  
FILING DATE: 12-AUG-1993  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2400  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 287:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-709-209-287

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCCTCTCTTAGCTCAA 524  
||| ||||| |||||  
DB 16 GCATCTGTAAAGTCAA 1

STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/224,657  
FILING DATE: 06-APR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2550  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
TELEX: 425066 CURTWS  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-224-657-53

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215  
||| ||||| |||||  
DB 18 GTGCTACCTAAAAAT 3

RESULT 992  
US-08-709-209-196/c  
Sequence 196, Application US/08709209  
Patent No. 5762938  
GENERAL INFORMATION:  
APPLICANT: Paoletti, Enzo  
TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
NUMBER OF SEQUENCES: 462  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
ADDRESSEE: c/o William S. Frommer  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,209  
FILING DATE: 21-AUG-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/105,483  
FILING DATE: 12-AUG-1993  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2400



```

RESULT 994
US-08-458-101-196/c
; Sequence 196, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James
; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-458-101-196

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```

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAT 215
Db 18 GTGCTACCTAAAT 3

```

```

RESULT 995
US-08-458-101-287/c
; Sequence 287, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James

```

```

; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-458-101-287

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCTGTAGTCAA 524
Db 16 GCATCTGTAGTCAA 1

RESULT 996
US-08-405-702A-15
; Sequence 15, Application US/08405702A
; Patent No. 5789389
; GENERAL INFORMATION:
; APPLICANT: Tarasewicz, Dariusz G
; APPLICANT: Schott, Brigitte
; APPLICANT: Holzmayer, Tatiana A.
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: BCL2 Derived Genetic Elements Associated
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:

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Thu Sep 16 13:16:23 2004

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/405,702A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: No. 5789389nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 95,332
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
S-08-405-702A-15

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1216 CCTGAGGAGCGCATCC 1231
b 1 CCTGAGAGCGCATCC 16
|||||
|||||

RESULT 997
S-08-473-481-11/c
Sequence 11, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

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APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-11

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1403 ATGAAAAGAGAGAGA 1418
Db 18 AGGAAAAGAGAGAGA 3
|||||
|||||

RESULT 998
US-08-184-009-51/c
Sequence 51, Application US/08184009
Patent No. 5833975
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,009
FILING DATE: 19-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-184-009-51

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215
Db 18 GTGCTCTACCTAAAAAT 3

RESULT 999
US-08-117-952-375
; Sequence 375, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 375:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-375

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1689 CAGGAGCCACCTTGC 1704
Db 2 CATGAGCCACCATGCC 17

RESULT 1000
US-08-417-210A-51/c
; Sequence 51, Application US/08417210A
; Patent No. 5863542
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; TITLE OF INVENTION: IMMUNODEFICIENCY RECOMBINANT POXVIRUS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,210A
; FILING DATE: 05-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2690
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-840-3333
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-417-210A-51

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215
Db 18 GTGCTCTACCTAAAAAT 3

RESULT 1001
US-08-418-085-45
; Sequence 45, Application US/08418085
; Patent No. 5869283
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
; APPLICANT: MARIA, SWAAL, ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
; TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,085
; FILING DATE: 06-APR-1995

```

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/054,185  
FILING DATE: 26-APR-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/002,608  
FILING DATE: 11-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/474,857  
FILING DATE: 30-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/474,798  
FILING DATE: 16-JULY-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/NL89/00072  
FILING DATE: 25-SEPT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: NL/88/200904.6  
FILING DATE: 06-MAY-88  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: NL/88/202080.3  
FILING DATE: 03-SEP-88  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 146.1169 CON-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: DOUBLE  
TOPOLOGY: UNKNOWN  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: REGION OF ADX mRNA/cDNA HOMOLOGOUS  
OTHER INFORMATION: TO THE PRIMERS, FIGURE 38  
JS-08-418-085-45  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1655 CGAGCTCAGCGCAGCT 1670  
DB 1 CGAGCGCAGCAGCT 16  
RESULT 1002  
US-08-725-976-6/c  
Sequence 6, Application US/08725976  
Patent No. 5929208  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: WINDOWS (VERSION 3.0)  
SOFTWARE: WordPerfect (Version 6.0)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/725,976  
FILING DATE: October 4, 1996  
CLASSIFICATION: 422  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application described below:  
PRIOR APPLICATION NUMBER: 08/146,504  
FILING DATE: No. 5929208ember 1, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 222/211  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-725-976-6  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1331 CTGAAGAGGAGGAGGAGA 1346  
DB 17 CTGGAGGAGGAGGAGA 2  
RESULT 1003  
US-08-458-356-51/c  
Sequence 51, Application US/08458356  
Patent No. 5942235  
GENERAL INFORMATION:  
APPLICANT: Paoletti, Enzo  
APPLICANT: Tartaglia, James  
APPLICANT: Cox, William I.  
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
NUMBER OF SEQUENCES: 217  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,356  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/184,009  
FILING DATE: 19-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2530  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
TELEX: 425066CURTMS  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:

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; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-458-356-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      200 GTCTCTACCGAATAAT 215
Db      18 GTGCTACCTAAAAAT 3

RESULT 1004
US-08-256-426B-67
; Sequence 67, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TUU-1082
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-67

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      1496 AGTCAAGTTGGCCTG 1511
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Db      2 AGGTCAAGATGCTCTG 17

RESULT 1005
US-08-473-446-77/c
; Sequence 77, Application US/08473446
; Patent No. 6017542
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/413,118
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-473-446-77
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Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      200 GTCTCTACCGAATAAT 215
Db      18 GTGCTACCTAAAAAT 3

RESULT 1006
US-08-271-882B-6/c
; Sequence 6, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; AND DIAGNOSTICS
```

NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Iyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/271,882B  
FILING DATE: July 7, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: No 6017696ember 1, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 207/263  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic  
TYPE: acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-271-882B-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2004 CTGAGTGCAGGTTG 2019  
Db 18 CTGAGTGCAGGTTG 3

RESULT 1008  
US-08-912-272-83  
Sequence 83, Application US/08912272  
Patent No. 6093874  
GENERAL INFORMATION:  
APPLICANT: Jofuku, K. Diane  
APPLICANT: Okumuro, Jack K.  
TITLE OF INVENTION: Methods for Improving Seeds  
NUMBER OF SEQUENCES: 103  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,272  
FILING DATE: 15-AUG-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/879,827  
FILING DATE: 20-JUN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/700,152  
FILING DATE: 20-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Bastian, Kevin L.  
REGISTRATION NUMBER: 34,774  
REFERENCE/DOCKET NUMBER: 023070-067220US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -

NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Iyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/271,882B  
FILING DATE: July 7, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: No 6017696ember 1, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 207/263  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic  
TYPE: acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-271-882B-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1331 CTGAGAGAGGAGGAGA 1346  
Db 17 CTGAGAGAGGAGGAGA 2

RESULT 1007  
US-08-617-256-33/c  
Sequence 33, Application US/08617256  
Patent No. 6043031  
GENERAL INFORMATION:  
APPLICANT: Kvster, Hubert  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street, suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/617,256  
FILING DATE: March 18, 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/406,199

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; LOCATION: 1..18
; OTHER INFORMATION: /note= "RAP2.7U primer"
US-08-912-272-83

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAAGAC 1250
Db 1 CGATGAGGACGAAGAC 16

RESULT 1009
US-09-205-143-21/c
; Sequence 21, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-21

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 TACAGCAAGCATGC 337
Db 16 TTCATCAAGCATGC 1

RESULT 1010
US-09-094-714A-55
; Sequence 55, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,714A
; FILING DATE: June 15, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,269
; FILING DATE: 14-FEB-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/478,178
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/852,852
; FILING DATE: 16-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2943
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-094-714A-55

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCAGA 1424
Db 1 AAGAGAGAGACCTGA 16

RESULT 1011
US-09-099-011A-45
; Sequence 45, Application US/09099011A
; Patent No. 6171836
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,
; APPLICANT: GERARDUS CORNELIS MARIA; SMAAL,
; APPLICANT: ERIC BASTIAAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF
; TITLE OF INVENTION: STEROIDS AND GENETICALLY ENGINEERED CELLS
; TITLE OF INVENTION: USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSELIAN & LUCAS
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,011A
; FILING DATE: 17-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/418,085
; FILING DATE: 06-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/054,185
; FILING DATE: 26-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
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; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-617-010C-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred.No.5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0;

QY 2004 CTCGAGGTGGAGGTG 2019
||||| |||||
DB 18 CTCGAGGTGGAGGTG 3

RESULT 1013
US-09-287-141-33/c
; Sequence 33, Application US/09287141
; Patent No. 6197498
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/287,141
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-450-8400
; TELEFAX: 619-587-5360
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-287-141-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred.No.5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0;

QY 2004 CTCGAGGTGGAGGTG 2019

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Db      18 CTGCAGGTCGAGGGTG 3
|||||
RESULT 1014
US-09-431-613-33/c
; Sequence 33, Application US/09431613
; Patent No. 6221601
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,613
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-450-8400
; TELEFAX: 619-450-8400
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-431-613-33

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2004 CTGCAGGTCGAGGGTG 2019
|||||
Db      18 CTGCAGGTCGAGGGTG 3
|||||

RESULT 1016
US-09-287-682-33/c
; Sequence 33, Application US/09287682
; Patent No. 6235478
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; APPLICANT: Little, Daniel P.
; APPLICANT: Braun, Andreas
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/287,682
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002J
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-450-8400
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-504-245-33

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2004 CTGCAGGTCGAGGGTG 2019
|||||
Db      18 CTGCAGGTCGAGGGTG 3
|||||

RESULT 1015
US-09-504-245-33/c
; Sequence 33, Application US/09504245
; Patent No. 6221605
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe LLP
; STREET: 4250 Executive Square, 7th Floor
```

PRIOR APPLICATION DATA: 08/406,199  
APPLICATION NUMBER: 03-MAR-1995  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2002E  
TELEPHONE: 619-450-8400  
TELEFAX: 619-587-5360  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
S-09-287-682-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 2004 CTGCAGGTGAGGTTG 2019  
18 CTGCAGGTGAGGTTG 3

RESULT 1017  
US-08-338-352-12/c  
Sequence 12, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROELER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
TITLE OF INVENTION: PYRIMIDINES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
NAME: MURASHIGE, KATE H.  
ATTORNEY/AGENT INFORMATION:  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-338-352-12

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAGA 1418  
18 AGGAAAAAGAGAGAGA 3

Db

RESULT 1018  
US-08-726-278-6/c  
Sequence 6, Application US/08726278  
Patent No. 6238624  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.  
APPLICANT: Tu, Eugene  
APPLICANT: Evans, Glen A.  
APPLICANT: Sosnowski, Ronald G.  
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR  
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS  
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210  
CURRENT APPLICATION NUMBER: US/08/726,278  
CURRENT FILING DATE: 1996-10-04  
PRIOR APPLICATION NUMBER: 08/271,882  
PRIOR FILING DATE: 1994-07-07  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 6  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Sequences for  
OTHER INFORMATION: Labeling  
US-08-726-278-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTGAAGACGAGGAGAGA 1346  
17 CTGGAGAGGAGGAGAGA 2

Db

RESULT 1019  
US-09-566-591-6/c  
Sequence 6, Application US/09566591  
Patent No. 6238871  
GENERAL INFORMATION:  
APPLICANT: Hubert K'oster  
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAlliff  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037-9103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/566,591  
FILING DATE: 08-May-2000  
CLASSIFICATION: <Unknown>

Gaps 0;

18 GTGCTACCTAAAAAT 3

3-09-397-766-33/c  
Sequence 33, Application US/09397766  
Patent No. 6268144

GENERAL INFORMATION:  
APPLICANT: K ster, Hubert  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037-9103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/397,766

FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/617,256  
FILING DATE: 18-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/406,199  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2002F  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-450-8400  
TELEFAX: 619-587-5360

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-287-681-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGAGGTTG 2019  
Db 18 CTGCAGGTGAGGTTG 3

RESULT 1024  
US-09-630-706-63/c  
Sequence 63, Application US/09630706  
Patent No. 6277640  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
FILE REFERENCE: RTS-0053  
CURRENT APPLICATION NUMBER: US/09/630,706  
CURRENT FILING DATE: 2000-08-01  
NUMBER OF SEQ ID NOS: 94  
SEQ ID NO 63  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-63

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 185 TGCTGCTCAACTATGG 200  
Db 18 TGCTGCTCAACTGGG 3

18 GTGCTACCTAAAAAT 3

3-09-397-766-33/c  
Sequence 33, Application US/09397766  
Patent No. 6268144

GENERAL INFORMATION:  
APPLICANT: K ster, Hubert  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037-9103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/397,766

FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/617,256  
FILING DATE: 18-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/406,199  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2002I  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-450-8400  
TELEFAX: 619-587-5360

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-397-766-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGAGGTTG 2019  
Db 18 CTGCAGGTGAGGTTG 3

RESULT 1023  
US-09-287-681-33/c  
Sequence 33, Application US/09287681  
Patent No. 6277573  
GENERAL INFORMATION:  
APPLICANT: K ster, Hubert  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla

RESULT 1025  
US-09-495-444-33/c  
; Sequence 33, Application US/09495444  
; Patent No. 6300076  
; GENERAL INFORMATION:  
; APPLICANT: K Ster, Hubert  
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Heller Ehrman White & McAuliffe  
; STREET: 4250 Executive Square, 7th Floor  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037-9103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/495,444  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/617,256  
; FILING DATE: 18-MAR-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/406,199  
; FILING DATE: 03-MAR-1995  
; NAME: Seidman, Stephanie L  
; REGISTRATION NUMBER: 33,779  
; REFERENCE/DOCKET NUMBER: 24736-2002H  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 858-450-8400  
; TELEFAX: 858-587-5360  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-09-495-444-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGGAGGTG 2019  
DB 18 CTGCAGGTGGAGGTG 3

RESULT 1026  
US-09-354-138-53/c  
; Sequence 53, Application US/09354138  
; Patent No. 6309647  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Tartaglia, James  
; APPLICANT: Taylor, Jill  
; APPLICANT: Gettig, Russell  
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)  
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE  
; TITLE OF INVENTION: RECOMBINANTS  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford, P.C.  
; STREET: 530 Fifth Avenue, 25th Floor

CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/354,138  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/472,379  
FILING DATE: 07-JUN-1995  
APPLICATION NUMBER: US 08/416,646  
FILING DATE: 05-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/224,657  
FILING DATE: 16-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/073,962  
FILING DATE: 08-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/776,867  
FILING DATE: 23-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/621,614  
FILING DATE: 30-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/938,283  
FILING DATE: 31-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/105,483  
FILING DATE: 12-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/713,967  
FILING DATE: 11-JUN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07,666,056  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2860  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-354-138-53

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAT 215  
DB 18 GTCTCTACCGAAAT 3

RESULT 1027  
US-09-026-039-83  
; Sequence 83, Application US/09026039

```

Patent No. 6329567
GENERAL INFORMATION:
APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: Methods for Improving Seeds
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,039
FILING DATE: 19-FEB-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,272
FILING DATE: 15-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/700,152
FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067230US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: linear
FEATURE:
NAME/KEY: -
LOCATION: 1..18
OTHER INFORMATION: /note= "RAP2.7U primer"
JS-09-026-039-83

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1245 CGATGAGCAGGAGAC 1260
|||||
2b 1 CGATGAGCAGGAGAC 16

RESULT 1028
JS-08-584-040-3060
; Sequence 3060, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

```

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; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-3060

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 62.5%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTGTGTGAAACT 434
|||||
Db 3 CAACUGCUUGAAGACU 18

RESULT 1029
US-09-561-322-7
; Sequence 7, Application US/09561322
; Patent No. 6355777
; GENERAL INFORMATION:
; APPLICANT: Walker, David H.
; APPLICANT: McBride, Jere W.
; TITLE OF INVENTION: P43 Antigen for the Immunodiagnosis of Canine Ehrlichiosis and
; FILE REFERENCE: D6325
; CURRENT APPLICATION NUMBER: US/09/561,322
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 12
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hpa I & HinfI/EcoRI conversion adapter 3,
; OTHER INFORMATION: A3 (upper strand)
; US-09-561-322-7

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1557 CTTCCCAACCCCTCA 1572  
||||||| |||||  
Db 2 CTTCCCAAGCCCTTA 17

RESULT 1030  
US-08-599-738A-11/c  
; Sequence 11, Application US/08599738A  
; Patent No. 6380368  
; GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDJO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/599,738A  
; FILING DATE: 12-FEB-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/473,481  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/976,103  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/965,941  
; FILING DATE: 23-OCT-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/338,352  
; FILING DATE: 14-NOV-1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/935,444  
; FILING DATE: 25-AUG-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/799,824  
; FILING DATE: 26-NOV-1991  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3D2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-599-738A-11  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1403 ATGAAGAAGAGAGA 1418  
Db 18 AGGAAGAAGAGAGA 3

RESULT 1031  
US-08-744-481A-16/c  
; Sequence 16, Application US/08744481A  
; Patent No. 6428955  
; GENERAL INFORMATION:  
; APPLICANT: K ster, Hubert  
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE  
; STREET: 4250 Executive Square, Suite 700  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92037-9103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/744,481A  
; FILING DATE: No. 6428955ember 6, 1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/617,256  
; FILING DATE: March 18, 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Seidman, Stephanie L.  
; REGISTRATION NUMBER: 33,779  
; REFERENCE/DOCKET NUMBER: 24736-2004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)450-8400  
; TELEFAX: (617)587-5360  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-744-481A-16  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2004 CTGCAGGTGAGGTTG 2019  
Db 18 CTGCAGGTGAGGTTG 3

RESULT 1032  
US-09-000-286A-21  
; Sequence 21, Application US/09000286A  
; Patent No. 6449562  
; GENERAL INFORMATION:  
; APPLICANT: Luminex Corporation  
; APPLICANT: Chandler, Van S.  
; APPLICANT: Fulton, Jerrold R.  
; APPLICANT: Chandler, Mark B.  
; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

FILE REFERENCE: 112802.500  
CURRENT APPLICATION NUMBER: US/09/000,286A  
CURRENT FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: PCT/US96/16198  
PRIOR FILING DATE: 1996-10-10  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-09-000-286A-21

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1331 CTGAAGAGGAGGAGGA 1346  
||| ||||| |||||  
b 3 CTGGAGAGGAAGGAGA 18

RESULT 1033  
S-09-000-286A-22/c  
Sequence 22, Application US/09000286A  
Patent No. 6449562  
GENERAL INFORMATION:  
APPLICANT: Luminex Corporation  
APPLICANT: Chandler, Van S.  
APPLICANT: Fulton, Jerrold R.  
APPLICANT: Chandler, Mark B.  
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method  
FILE REFERENCE: 112802.500  
CURRENT APPLICATION NUMBER: US/09/000,286A  
CURRENT FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: PCT/US96/16198  
PRIOR FILING DATE: 1996-10-10  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 22  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-09-000-286A-22

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1331 CTGAAGAGGAGGAGGA 1346  
||| ||||| |||||  
b 16 CTGGAGAGGAAGGAGA 1

RESULT 1034  
JS-09-920-760-16/c  
Sequence 16, Application US/09920760  
Patent No. 6492173  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
FILE REFERENCE: RTS-0275  
CURRENT APPLICATION NUMBER: US/09/920,760  
CURRENT FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 16  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-16

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1406 AAAAAGAGAAAGACCC 1421  
||| ||||| |||||  
b 18 AAAACAGAAAAACCC 3

RESULT 1035  
US-09-920-760-84/c  
Sequence 84, Application US/09920760  
Patent No. 6492173  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
FILE REFERENCE: RTS-0275  
CURRENT APPLICATION NUMBER: US/09/920,760  
CURRENT FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 84  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-84

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 691 GACCTACGGGATATCG 706  
||| ||||| |||||  
b 16 GACGTGGGGATATCG 1

RESULT 1036  
US-09-796-416-33/c  
Sequence 33, Application US/09796416  
Patent No. 6500621  
GENERAL INFORMATION:  
APPLICANT: K'ster, Hubert  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe LLP  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037-9103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA: US/09/796,416  
APPLICATION NUMBER: US/09/796,416  
FILING DATE: 28-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/504,245  
FILING DATE: 15-FEB-2000  
APPLICATION NUMBER: 09/495,444  
FILING DATE: 31-JAN-2000  
APPLICATION NUMBER: 09/287,679  
FILING DATE: 06-APR-1999  
APPLICATION NUMBER: 08/617,256  
FILING DATE: 18-MAR-1996  
APPLICATION NUMBER: 08/406,199  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:



```
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002L
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-796-416-33

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2004 CTGCAGTGGAGGTG 2019
Db      18 CTGCAGTGGAGGTG 3

RESULT 1037
US-09-535-370-51/c
; Sequence 51, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TARTAGLIA, James
; COX, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-535-370-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2004 CTGCTCTACCGAAAAAT 215
Db      18 GTGCTCTACCTAAAAAT 3

RESULT 1038
US-09-422-978-4190
; Sequence 4190, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4190
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13868 for SEQ 256,
US-09-422-978-4190

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1334 AAGAGGAGGAGGAGGG 1349
Db      3 AAGAGGATGAAGAGGG 18

RESULT 1039
US-09-422-978-4910/c
; Sequence 4910, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4910
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18612 for SEQ 976,
```

```
1-09-422-978-4910
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2726 for SEQ 3251,
US-09-422-978-7185
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
y 1398 AGAGGATGAAGAG 1413
||||| |||||
b 16 AGAGGAGCAAGAG 1
||||| |||||

RESULT 1040
S-09-422-978-5052/c
Sequence 5052, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5052
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-20549 for SEQ 1118,
JS-09-422-978-5052
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
2y 1422 AGAGGAGCAAGAG 1437
||||| |||||
2b 17 AGAGGAGCAATGGA 2
||||| |||||

RESULT 1041
US-09-422-978-7185
Sequence 7185, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7185
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
```

```
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2726 for SEQ 3251,
US-09-422-978-7185
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1279 TCGATCTGCTCTCTG 1294
||||| |||||
Db 3 TCGATCTCTCTCTG 18
||||| |||||

RESULT 1042
US-09-422-978-8664/c
Sequence 8664, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8664
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-17409 for SEQ 799, in complem
US-09-422-978-8664
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1327 GATTCGAGAGGAGG 1342
||||| |||||
Db 16 GAATCGAGAGGAGG 1
||||| |||||

RESULT 1043
US-09-655-804B-51/c
Sequence 51, Application US/09655804B
Patent No. 6548251
GENERAL INFORMATION:
APPLICANT: KOZYAVKIN, Sergei
APPLICANT: MALYKH, Andrei
APPLICANT: POLOUCHINE, Nikolai
APPLICANT: SLESAREV, Alexei
TITLE OF INVENTION: INHIBITION OF MOLECULAR AND BIOLOGICAL PROCESSES USING MODIFIED
FILE REFERENCE: 107070
CURRENT APPLICATION NUMBER: US/09/655,804B
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.0
SEQ ID NO 51
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

```
/ OTHER INFORMATION: Modified oligonucleotide
/ NAME/KEY: modified base
/ LOCATION: (11)..(11)
/ OTHER INFORMATION: 2'-methoxyoxalamido-2'-deoxycytidine
US-09-655-804B-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGCTCT 655
Db 18 GGTCATGACTGTGCTCT 2

RESULT 1044
US-09-371-772B-1488
; Sequence 1488, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHR00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1488
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1488

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 62.5%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAAGTCTGTGAACT 434
Db 3 CAACUGCUUGAAACU 18

RESULT 1045
US-09-068-506-67
; Sequence 67, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; TITLE OF INVENTION: TWITCHING
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-67
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1560 CCCCAACCCCTCAGAT 1575
Db 1 CTCAGCCCTCAGAT 16

RESULT 1046
US-09-879-341-33/c
; Sequence 33, Application US/09879341
; Patent No. 6589485
; GENERAL INFORMATION:
; APPLICANT: Kster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe LLP
; STREET: 4350 La Jolla Village Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92122-1246
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/879,341
; FILING DATE: 11-Jun-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/786,416
; FILING DATE: 28-FEB-2001
; APPLICATION NUMBER: 09/287,679
; FILING DATE: 06-APR-1999
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002M
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-879-341-33

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTCGAGGTGAGGTTG 2019
Db 18 CTGCAGGTCGAGGGTG 3

RESULT 1047
US-09-136-159A-51/c
; Sequence 51, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
```

APPLICANT: Virogenetics Corporation  
APPLICANT: Paoletti, Enzo  
APPLICANT: Tartaglia, James  
APPLICANT: Cox, William I  
TITLE OF INVENTION: Immunodeficiency recombinant poxvirus  
FILE REFERENCE: 454310-2690.1  
CURRENT APPLICATION NUMBER: US/09/136,159A  
CURRENT FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: US 08/417,210  
PRIOR FILING DATE: 1995-04-05  
PRIOR APPLICATION NUMBER: US 08/223,842  
PRIOR FILING DATE: 1994-04-06  
PRIOR APPLICATION NUMBER: US 07/897,382  
PRIOR FILING DATE: 1992-06-11  
PRIOR APPLICATION NUMBER: US 07/715,921  
PRIOR FILING DATE: 1991-06-14  
PRIOR APPLICATION NUMBER: US 08/105,483  
PRIOR FILING DATE: 1993-08-12  
PRIOR APPLICATION NUMBER: US 07/847,951  
PRIOR FILING DATE: 1992-03-06  
PRIOR APPLICATION NUMBER: US 07/713,967  
PRIOR FILING DATE: 1991-06-11  
PRIOR APPLICATION NUMBER: US 07/666,056  
PRIOR FILING DATE: 1991-03-07  
NUMBER OF SEQ ID NOS: 149  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 51  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide referred to as F73PB  
S-09-136-159A-51  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Y 200 GTCTCTACCGAAAAAT 215  
||| ||||| ||||| |||||  
b 18 GTGTCTACCTAAAAAT 3  
RESULT 1048  
US-09-724-877-33/c  
Sequence 33, Application US/09724877  
Patent No. 6602862  
GENERAL INFORMATION:  
APPLICANT: Koster, Hubert  
Little, Daniel P.  
Braun, Andreas  
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe LLP  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037-9103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/724,877  
FILING DATE: 28-NOV-2000  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/287,679  
FILING DATE: 06-APR-1999  
APPLICATION NUMBER: 08/617,256  
FILING DATE: 18-MAR-1996

APPLICATION NUMBER: 08/406,199  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2002K  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 33:  
US-09-724-877-33  
Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2004 CTCGAGGTGAGGTTG 2019  
||| ||||| ||||| |||||  
Db 18 CTCGAGGTGAGGTTG 3  
RESULT 1049  
US-09-098-877B-45  
Sequence 45, Application US/09098877B  
Patent No. 6632633  
GENERAL INFORMATION:  
APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS  
APPLICANT: MARIA; SMAAL, ERIC BASTIAN  
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND  
TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN  
NUMBER OF SEQUENCES: 79  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIERMAN & MUSERLIAN  
STREET: 600 THIRD AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10016  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/098,877B  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/418,085  
FILING DATE: 06-APR-1995  
APPLICATION NUMBER: US/08/054,185  
FILING DATE: 26-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/002,608  
FILING DATE: 11-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/474,857  
FILING DATE: 30-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/474,798  
FILING DATE: 16-JULY-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/NL89/00072  
FILING DATE: 25-SEPT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: NL/88/200904.6

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;
; FILING DATE: 06-MAY-88
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: DOUBLE
; TOPOLOGY: UNKNOWN
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: REGION OF ADX mRNA/cDNA HOMOLOGOUS
; OTHER INFORMATION: TO THE PRIMERS, FIGURE 38
US-09-098-877B-45
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1655 CGAGCTCAGGCAGCT 1670
Db 1 CGAGCGCAGAGCAGCT 16

RESULT 1050
PCT-US93-12600-5
; Sequence 5, Application PC/TUS93/12600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dressler, Goldsmith, Shore &
; ADDRESSER: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; City: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
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```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1082 ATTCAAGCTCCACAT 1097
Db 3 ACTTCCAGCTCCACAT 18

RESULT 1051
PCT-US95-00176A-9
; Sequence 9, Application PC/TUS9500176A
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR INHIBITING EXPRESSION OF TH
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORENA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00176A
; FILING DATE: 6 January 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/183,211
; FILING DATE: 14 January 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-14 PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US95-00176A-9
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTC 1550
Db 2 TCCGCGTGAGGCGCTC 17

RESULT 1052
US-07-879-647A-3/c
; Sequence 3, Application US/07879647A
; Patent No. 5266689
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
```

APPLICANT: Dashkevich, M.  
 APPLICANT: Elbrecht, A.  
 APPLICANT: Feighner, S.D.  
 APPLICANT: Liberator, P.A.  
 APPLICANT: Profous-Juchelka, H.  
 TITLE OF INVENTION: Eimeria Maxima DNA  
 TITLE OF INVENTION: Probes  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Merck & Co., Inc.  
 STREET: 126 Lincoln Avenue  
 CITY: Rahway  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb  
 MEDIUM TYPE: storage  
 COMPUTER: Apple Macintosh  
 OPERATING SYSTEM: Macintosh 6.0.4  
 SOFTWARE: Microsoft Word 4.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/879,647A  
 FILING DATE: 19920512  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/706,628  
 FILING DATE: 29-MAY-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tribble, Jack L.  
 REGISTRATION NUMBER: 32,633  
 REFERENCE/DOCKET NUMBER: 184201A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (908) 594-5321  
 TELEFAX: (908) 594-4720  
 TELEX: 138825  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 bases  
 TYPE: NUCLEIC ACID  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-07-879-647A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
 Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1324 TCCGATTCTGAAGAGG 1339  
 |||||  
 Db 18 TCCGATTCCGAGAGG 3

RESULT 1053  
 US-07-879-584A-3/c  
 ; Sequence 3, Application US/07879584A  
 ; Patent No. 5278298  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chakraborty, P.R.  
 ; APPLICANT: Dashkevich, M.  
 ; APPLICANT: Elbrecht, A.  
 ; APPLICANT: Feighner, S.D.  
 ; APPLICANT: Liberator, P.A.  
 ; APPLICANT: Profous-Juchelka, H.  
 ; TITLE OF INVENTION: Eimeria Brunetti DNA  
 ; TITLE OF INVENTION: Probes  
 ; NUMBER OF SEQUENCES: 50  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Merck & Co., Inc.  
 ; STREET: 126 Lincoln Avenue  
 ; CITY: Rahway  
 ; STATE: New Jersey  
 ; COUNTRY: USA

ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb  
 MEDIUM TYPE: storage  
 COMPUTER: Apple Macintosh  
 OPERATING SYSTEM: Macintosh 6.0.4  
 SOFTWARE: Microsoft Word 4.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/879,584A  
 FILING DATE: 19920512  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/706,717  
 FILING DATE: 29-MAY-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tribble, Jack L.  
 REGISTRATION NUMBER: 32,633  
 REFERENCE/DOCKET NUMBER: 184191A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (908) 594-5321  
 TELEFAX: (908) 594-4720  
 TELEX: 138825  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 bases  
 TYPE: NUCLEIC ACID  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-07-879-584A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
 Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1324 TCCGATTCTGAAGAGG 1339  
 |||||  
 Db 18 TCCGATTCCGAGAGG 3

RESULT 1054  
 US-07-879-470A-3/c  
 ; Sequence 3, Application US/07879470A  
 ; Patent No. 5288845  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chakraborty, P.R.  
 ; APPLICANT: Dashkevich, M.  
 ; APPLICANT: Elbrecht, A.  
 ; APPLICANT: Feighner, S.D.  
 ; APPLICANT: Liberator, P.A.  
 ; APPLICANT: Profous-Juchelka, H.  
 ; TITLE OF INVENTION: Eimeria Necatrix DNA  
 ; TITLE OF INVENTION: Probes  
 ; NUMBER OF SEQUENCES: 50  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Merck & Co., Inc.  
 ; STREET: 126 Lincoln Avenue  
 ; CITY: Rahway  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07065  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: Apple Macintosh  
 ; OPERATING SYSTEM: Macintosh 6.0.4  
 ; SOFTWARE: Microsoft Word 4.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/879,470A  
 ; FILING DATE: 19920512  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 07/706,351  
 ; FILING DATE: 29-MAY-1991

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184221A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-640A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1055
US-07-879-644A-3/c
; Sequence 3, Application US/07879644A
; Patent No. 5298613
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; TITLE OF INVENTION: Eimeria Acaervulina DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,644A
; FILING DATE: 19920512
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,817
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184181A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-07-879-644A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1056
US-07-879-640A-3/c
; Sequence 3, Application US/07879640A
; Patent No. 5359050
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; TITLE OF INVENTION: Eimeria Mitis DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,640A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,355
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184211A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-640A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1057
US-07-879-594A-3/c
; Sequence 3, Application US/07879594A
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```

Patent No. 5449768
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feigner, S.D.
APPLICANT: Feigner, S.D.
APPLICANT: Feigner, S.D.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Bimera Praecox DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,594A
FILING DATE: 19920512
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,362
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: .184231A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-594A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Yy 1324 TCCGATTCTCGAGAGG 1339
|||||
Db 18 TCCGATTCCGGAGAGG 3

RESULT 1059
US-08-505-509-26
Sequence 26, Application US/08505509
Patent No. 5776680
GENERAL INFORMATION:
APPLICANT: Liebowitz, Michael J.
APPLICANT: Liu, Yong
TITLE OF INVENTION: Diagnostic Probes for
TITLE OF INVENTION: Pneumocystis Carinii
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
STREET: P.O. Box 1267
CITY: Princeton
STATE: New Jersey
COUNTRY: USA
ZIP: 08551
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/505,509
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/298,087
FILING DATE:
APPLICATION NUMBER: US/07/922,987
FILING DATE: 30-JUL-1992

```



ATTORNEY/AGENT INFORMATION:  
 NAME: Muccino, Richard R.  
 REGISTRATION NUMBER: 32,538  
 REFERENCE/DOCKET NUMBER: UMD1-009  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (609) 466-3407  
 TELEFAX: (609) 466-2760  
 INFORMATION FOR SEQ ID NO: 26:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: DNA (genomic)  
 US-08-505-509-26

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
 Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 498 CGAGGCATCTGGCTTC 513  
 ||||| ||||| ||||| |||||  
 Db 3 CGAGGCATTTGGCTAC 18

RESULT 1060  
 US-08-832-883-30  
 ; Sequence 30, Application US/08832883  
 ; Patent No. 5807681  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Giordano, Antonio  
 ; APPLICANT: Baldi, Alphonso  
 ; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS  
 ; TITLE OF INVENTION: OF CANCER  
 ; NUMBER OF SEQUENCES: 115  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.  
 ; STREET: Suite 1800 Two Penn Center Plaza  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19102

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/832,883  
 FILING DATE:  
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
 NAME: Monaco, Daniel A.  
 REGISTRATION NUMBER: 30,480  
 REFERENCE/DOCKET NUMBER: 8321-13 US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215) 568-8383  
 TELEFAX: (215) 568-5549  
 INFORMATION FOR SEQ ID NO: 30:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-832-883-30

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
 Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 GAAGAGGTGAATAATCA 1459  
 ||||| ||||| ||||| |||||

Db 4 GAAGAGGTGAATAATCA 19

RESULT 1061  
 US-08-832-877-30  
 ; Sequence 30, Application US/08832877  
 ; Patent No. 5840506  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Giordano, Antonio  
 ; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF  
 ; TITLE OF INVENTION: CANCER  
 ; NUMBER OF SEQUENCES: 116  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.  
 ; STREET: Suite 1800 Two Penn Center Plaza  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19102  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/832,877  
 ; FILING DATE:  
 ; CLASSIFICATION: 436  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Monaco, Daniel A.  
 ; REGISTRATION NUMBER: 30,480  
 ; REFERENCE/DOCKET NUMBER: 8321-13 US2  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 568-8383  
 ; TELEFAX: (215) 568-5549  
 ; INFORMATION FOR SEQ ID NO: 30:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-832-877-30

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
 Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 GAAGAGGTGAATAATCA 1459  
 ||||| ||||| ||||| |||||  
 Db 4 GAAGAGGTGAATAATCA 19

RESULT 1062  
 US-08-491-690A-26  
 ; Sequence 26, Application US/08491690A  
 ; Patent No. 5849484  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Leibowitz, Michael J.  
 ; APPLICANT: Liu, Yong  
 ; TITLE OF INVENTION: In Vitro Assay For Inhibitors  
 ; TITLE OF INVENTION: Of The Intron Self-Splicing Reaction in Pneumocystis Carinii  
 ; NUMBER OF SEQUENCES: 35  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Richard R. Muccino  
 ; STREET: 758 Springfield Avenue  
 ; CITY: Summit  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07901  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/491,690A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/068,248  
FILING DATE: 27-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Muccino, Richard R.  
REGISTRATION NUMBER: 32,538  
REFERENCE/DOCKET NUMBER: UMD1-012  
TELEPHONE: (908) 273-4988  
TELEFAX: (908) 273-4679  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
S-08-491-690A-26  
Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 498 CGAGGCATCTGGCTTC 513  
Db 3 CGAGGCATTTGGCTAC 18  
RESULT 1064  
US-08-496-944-5  
Sequence 5, Application US/08496944  
Patent No. 6040496  
GENERAL INFORMATION:  
APPLICANT: Law, Marcus D  
APPLICANT: Dietz, Jon M  
TITLE OF INVENTION: Use of Translationally altered RNA to  
TITLE OF INVENTION: Confer Resistance to Maize Dwarf Mosaic Virus and Other  
TITLE OF INVENTION: Monocotyledonous Plant Viruses  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-Geigy Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: NY  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30B  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/496,944  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: CGC 1814  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "first synthetic PAT gene  
DESCRIPTION: primer"  
HYPOTHETICAL: NO  
US-08-496-944-5  
Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1438 GTCACCGAAGAGGAGA 1453  
Db 2 GTCTCCGAGAGGAGA 17  
RESULT 1065  
US-08-950-720A-3/c  
Sequence 3, Application US/08950720A  
Patent No. 6046028

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/491,690A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/068,248  
FILING DATE: 27-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Muccino, Richard R.  
REGISTRATION NUMBER: 32,538  
REFERENCE/DOCKET NUMBER: UMD1-012  
TELEPHONE: (908) 273-4988  
TELEFAX: (908) 273-4679  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
S-08-491-690A-26  
Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 498 CGAGGCATCTGGCTTC 513  
Db 3 CGAGGCATTTGGCTAC 18  
RESULT 1063  
US-08-491-690A-34  
Sequence 34, Application US/08491690A  
Patent No. 5849484  
GENERAL INFORMATION:  
APPLICANT: Leibowitz, Michael J.  
APPLICANT: Liu, Yong  
TITLE OF INVENTION: In Vitro Assay For Inhibitors  
TITLE OF INVENTION: Of The Intron Self-Splicing Reaction in Pneumocystis Carinii  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Richard R. Muccino  
STREET: 759 Springfield Avenue  
CITY: Summit  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07901  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/491,690A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/068,248  
FILING DATE: 27-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Muccino, Richard R.  
REGISTRATION NUMBER: 32,538  
REFERENCE/DOCKET NUMBER: UMD1-012  
TELEPHONE: (908) 273-4988  
TELEFAX: (908) 273-4679  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

GENERAL INFORMATION:  
APPLICANT: Conklin, Darrell C.  
APPLICANT: Lofton-Day, Catherine E.  
APPLICANT: Lok, Si  
APPLICANT: Jaspers, Stephen R.  
TITLE OF INVENTION: INSULIN HOMOLOG  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ZymoGenetics, Inc.  
STREET: 1201 Eastlake Avenue East  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/950,720A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sawislak, Deborah A  
REGISTRATION NUMBER: 37,438  
REFERENCE/DOCKET NUMBER: 96-09  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-442-6672  
TELEFAX: 206-442-6678  
TELEX:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: ZC11142  
US-08-950-720A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 AGAGGCTTCTACACC 630  
DB 18 AGATGCTTCTCACC 3  
|||||

RESULT 1066  
US-09-280-409-5  
Sequence 5, Application US/09280409  
Patent No. 6107092  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
APPLICANT: C. Frank Bennett  
APPLICANT: Bert W. O'Malley  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
FILE REFERENCE: RTS-0048  
CURRENT APPLICATION NUMBER: US/09/280,409  
CURRENT FILING DATE: 1999-03-29  
NUMBER OF SEQ ID NOS: 146  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-09-280-409-5

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 142 GGCACCCCAATGAAGC 157  
DB 3 GGCACACACAGGAAGC 18  
|||||

RESULT 1067  
US-09-089-111-1  
Sequence 1, Application US/09089111  
Patent No. 6162965  
GENERAL INFORMATION:  
APPLICANT: Hansen, Genevieve  
TITLE OF INVENTION: Plant Transformation Methods  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6162965artis Corporation  
STREET: 3054 Cornwallis Rd.  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/089,111  
FILING DATE: 02-Jun-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hoxie, Thomas  
REGISTRATION NUMBER: 32,993  
REFERENCE/DOCKET NUMBER: CGC1928/R  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8614  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
IMMEDIATE SOURCE:  
CLONE: PAT1  
US-09-089-111-1

Query Match 0.6%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1438 GTCACCGAGAGGAGA 1453  
DB 2 GTCTCGGAGAGGAGA 17  
|||||

RESULT 1068  
US-08-617-010C-11/c  
Sequence 11, Application US/08617010C  
Patent No. 6194144  
GENERAL INFORMATION:  
APPLICANT: Hubert K ster  
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McAuliffe



```
RESULT 1071
US-09-338-907-478
; Sequence 478, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1PCP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 478
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-147-181.misl
US-09-338-907-478

Query Match          0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAAAGA 1418
Db 2 ATGAAAAAGAGCATGA 17

RESULT 1072
US-08-718-388-15/c
; Sequence 15, Application US/08718388
; Patent No. 6271362
; GENERAL INFORMATION:
; APPLICANT: MORIKAWA, MINORU
; APPLICANT: HARADA, NAOKI
; TITLE OF INVENTION: GENE ENCODING Igg Fc REGION-BINDING
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESS: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/718,388
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURPHY JR, GERALD M
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 0230-111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
```

```
TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-718-388-15

Query Match          0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 184 TTGCTGCTCAACTATG 199
Db 18 TCGCTGCCCAACTATG 3

RESULT 1073
US-09-218-207-478
; Sequence 478, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 478
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-147-181.misl
US-09-218-207-478

Query Match          0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAAAGA 1418
Db 2 ATGAAAAAGAGCATGA 17

RESULT 1074
US-09-345-882-89
; Sequence 89, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; FILE REFERENCE: GENSET.031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
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NUMBER OF SEQ ID NOS: 140  
SOFTWARE: Patent.pm  
SEQ ID NO 89  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer for SEQ 32, SEQ 53  
S-09-345-882-89

Query Match	0.6%;	Score 12.8;	DB 1;	Length 19;
Best Local Similarity	87.5%;	Pred. No. 6.5e+02;		
Matches	14.	Conservative	0;	Mismatches 2
				Indels

1150 AACAGCGACTGTTTG 1165  
|||||  
4 AACAGTGACTCTTTG 19

RESULT 1075  
 IS-09-387-341-199/c  
 Sequence 199, Application US/09387341  
 Patent No. 6410323  
 GENERAL INFORMATION:  
 APPLICANT: Roberts, M. Luisa  
 APPLICANT: Cowser, Lex M.  
 TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
 TITLE OF INVENTION: Expression  
 FILE REFERENCE: ISPH-0404  
 CURRENT APPLICATION NUMBER: US/09/387,341

EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979

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; EARLIER APPLICATION NUMBER: 09/156,807
;
; EARLIER FILING DATE: 1998-09-18
;
; EARLIER APPLICATION NUMBER: 09/161,015
;

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; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 199

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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

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JS-09-387-341-199

Query Match	0.6%	Score 12.8;	DB 1;	Length 19;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 DV 1332 TGAACAGCGAGGAGAG 1347

16 TGAAGAAGAGAG 1

US-08-744-481A-21/c  
; Sequence 21, Application US/08744481A  
Patent No. 6428955

GENERAL INFORMATION: /  
APPLICANT: K ster, Hubert /  
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY /  
NUMBER OF SEQUENCES: 55 /

ADDRESS: HELLER EHRMAN WHITE & MCAULIFFE  
STREET: 4250 Executive Square, Suite 700  
CITY: La Jolla

STATE: California

COUNTRY: USA  
ZIP: 92037-9103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/744,481A  
FILING DATE: No. 6428955ember 6, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/617,256  
FILING DATE: March 18, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)450-8400  
TELEFAX: (617)587-5360  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 19  
OTHER INFORMATION: /note= "g: RiboG"  
; -08-744-481A-21

Query Match	0.6%	Score 12.8;	DB 1;	Length 19;
Best Local Similarity	87.5%	Pred. No. 6.5e+02;		
Matches 14: Conservative		0: Mismatches 2;	Indels 0;	Gaps 0;

Year	Sequence
2004	CTGCAGGTGGAGGTTG
2019	CTGCAGGTGGAGGTTG

RESULT 1077  
 FIS-09-434-408-16

; Sequence 16, Application US/09434400  
 ; Patent No. 6440697  
 ; GENERAL INFORMATION:  
 APPLICANT: Venezuela  
 Dominick

APPLICANT: Grossmann, Angelika  
TITLE OF INVENTION: RING FINGER PROTEIN ZAPO3  
FILE REFERENCE: 98-41  
CURRENT APPLICATION NUMBER: US/09/434 408

;; CURRENT FILING DATE: 1999-11-04  
;; EARLIER APPLICATION NUMBER: US 60/108,258  
;; EARLIER FILING DATE: 1998-11-12  
;; NUMBER OF SEQ. ID NOS.: 23

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; SOFTWARE: FastSEQ for windows version 3.0
;
; SEQ ID NO 16
;
; LENGTH: 19
;
;

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; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Oligonucleotide Primer ZC18284
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Query Match	0.6%;	Score 12.8;	DB 1;	Length 19;
Best Local Similarity	87.5%;	Pred. No. 6.5e+02;		

QY 1039 AATGAGCTTCCATACA 1054

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RESULT 1078
US-08-388-852B-27
; Sequence 27, Application US/08388852B
; Patent No. 6500919
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
; TITLE OF INVENTION: epitopes thereof and vaccine against melanoma.
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav
; STREET: Philips van Leydenlaan 25
; CITY: Nijmegen
; STATE: Brabant
; COUNTRY: the Netherlands
; ZIP: 6525 EX
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA: US/08/388,852B
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-388-852B-27

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 258 CAAGTACCACAGGCAT 273
Db 3 CAAGGACCACAGCCAT 18

RESULT 1079
US-09-422-978-5302
; Sequence 5302, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5302
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_bind
; OTHER INFORMATION: upstream amplification primer 99-23334 for SEQ 1368,

US-08-388-852B-27
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US-09-422-978-5302

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CTTCGCGTCTTAACT 1727
Db 2 CTTCGCGTCTTAACT 17

RESULT 1080
US-09-422-978-5401/c
; Sequence 5401, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5401
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_bind
; OTHER INFORMATION: upstream amplification primer 99-2524 for SEQ 1467,

US-09-422-978-5401

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1462 GAGGAGAGCCAGAG 1477
Db 19 GTGGAGAGCCAGATG 4

RESULT 1081
US-09-422-978-6462
; Sequence 6462, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6462
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
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```
; GENERAL INFORMATION:
; APPLICANT: HAZE, Kyouke et al.
; TITLE OF INVENTION: ENDOPLASMIC RETICULUM STRESS TRANSCRIPTION FACTORS ATF6 AND CREB
; FILE REFERENCE: 1422-0474P
; CURRENT APPLICATION NUMBER: US/09/831,642
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Ricinus communis
US-09-831-642-52

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 178 CATTAATTGCTGCTCA 193
DB 2 CATCTTGCTGCTCA 17

RESULT 1084
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-2

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-11601 for SEQ 2528,
S-09-422-978-6462

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1165 GAGAACCTTAGAATGC 1180
DB 4 GAGAACCTCAGATAC 19

RESULT 1082
US-09-105-470B-24/c
; Sequence 24, Application US/09105470B
; Patent No. 6617129
; GENERAL INFORMATION:
; APPLICANT: Carter, Kenneth C.
; He, Wei-Wu
; TITLE OF INVENTION: Human NK-3 Related Prostate Specific
; Gene-1
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/105,470B
; FILING DATE: 26-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/051,080
; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: STEFFE, ERIC K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.0790001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-09-105-470B-24

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1375 AAAAAGCCATAGAG 1390
DB 16 AAAAAGCCATTAGAG 1

RESULT 1083
US-09-831-642-52
; Sequence 52, Application US/09831642
; Patent No. 6635751
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QY 1403 ATGAAAAAGAGAAAGA 1418
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Db 18 AGGAAAAAGAGAGAGA 3

RESULT 1085
US-09-288-461-44/c
; Sequence 44, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-44

Query Match 0.6%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1796 AAATGCCAAGTGCTG 1811
      |||||
Db 20 AGATGCCAATGCTG 5

RESULT 1086
US-08-478-470-7
; Sequence 7, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"

; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"

US-08-478-470-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTATTATATA 1608
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Db 1 TATATATATATTTTATATATA 24

RESULT 1087
US-08-478-470-9
; Sequence 9, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
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FEATURE:
NAME/KEY: misc feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
S-08-478-470-9
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1585 TCTATTTCTCTGTGTTATATATA 1608
| | | | | | | | | | | | | | | | | |
b 1 TATATATATATTTTATATATA 24

RESULT 1088
US-08-214-599-7
Sequence 7, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

RESULT 1089
US-08-214-599-9
Sequence 9, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,599
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-214-599-7
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,599
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-214-599-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1585 TCTATTTCTCTGTGTTATATATA 1608
| | | | | | | | | | | | | | | | | |
Db 1 TATATATATATTTTATATATA 24

RESULT 1089
US-08-214-599-9
Sequence 9, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,599
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 9..10
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 11..16
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 17..18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 19..20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 21..22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 23..24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ US-08-214-599-9
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```
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1585 TCTATTCTCTGTGTTATATATA 1608
| | | | | | | | | | | | | | | |
Db 1 TATATATATATTTTATATATA 24
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RESULT 1090
US-08-473-015-7
; Sequence 7, Application US/08473015
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/ Patent No. 5631135
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ TITLE OF INVENTION: Oligonucleotide N3'-P5'
/ TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/473,015
/ FILING DATE: 06-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/214,599
/ FILING DATE: 18-MAR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
/ US-08-473-015-7
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Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1585 TCTATTCTCTGTGTTATATATA 1608
| | | | | | | | | | | | | | | |
Db 1 TATATATATATTTTATATATA 24
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RESULT 1091
US-08-473-015-9
; Sequence 9, Application US/08473015
; Patent No. 5631135
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ TITLE OF INVENTION: Oligonucleotide N3'-P5'
/ TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,015  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,599  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0960  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 17..18  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 19..20  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 21..22  
OTHER INFORMATION: /note= "where the intersubunit bond

OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 23..24  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-473-015-9  
Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
Qy 1585 TCTATTTCTCTGCTATTATATA 1608  
Db 1 TATATATATATTTTATATATA 24  
RESULT 1092  
US-08-465-368-7  
Sequence 7, Application US/08465368  
Patent No. 5726297  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
APPLICANT: Schultz, Ronald G.  
APPLICANT: Chen, Jer-kang  
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
TITLE OF INVENTION: N3/P5-PHOSPHORAMIDATES: USES AND  
COMPOSITIONS THEREOF  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,368  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/210,505  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0013  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5  
US-08-465-368-7  
Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
Qy 1585 TCTATTTCTCTGCTATTATATA 1608

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Db      1 TATATATATATTTTATATATA 24
|||||
RESULT 1093
US-08-465-368-9
; Sequence 9, Application US/08465368
; Patent No. 5726297
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G.
; APPLICANT: Chen, Jer-kang
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
; TITLE OF INVENTION: N3'PS/PHOSPHORAMIDATES: USES AND
; TITLE OF INVENTION: COMPOSITIONS THEREOF
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/465,368
; APPLICATION NUMBER: US/08/465,368
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/210,505
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"

;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-465-368-9
Query Match 0.8%; Score 12.8; DB 1; Length 24;
Best local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTTCTCTGTATTTATATA 1608
|||||
Db 1 TATATATATATTTTATATATA 24
|||||

RESULT 1094
US-08-477-306-7
; Sequence 7, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/477,306
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
```

REFERENCE/DOCKET NUMBER: 5525-0012  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5  
IS-08-477-306-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

1585 TCTATTTCTCTGCTGATTATATA 1608  
1 TATATATATATATTTTATATATA 24

RESULT 1095  
IS-08-477-306-9  
Sequence 9, Application US/08477306  
Patent No. 5837835  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
TITLE OF INVENTION: Oligonucleotide N3'-p5'  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/477,306  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/214,599  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5

FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 17..18  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 19..20  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 21..22  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 23..24  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-477-306-9

Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

1585 TCTATTTCTCTGCTGATTATATA 1608  
1 TATATATATATATTTTATATATA 24

RESULT 1096  
US-08-700-448-7  
Sequence 7, Application US/08700448  
Patent No. 5965720  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei et al.  
TITLE OF INVENTION: Oligonucleotide N3'-p5'  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates

STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/700,448  
FILING DATE: 01/10/97  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent M. Powers  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0012.10  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5  
US-08-700-448-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTATATATA 1608  
DB 1 TATATATATATTTTATATATA 24

RESULT 1097  
US-08-700-448-9  
Sequence 9, Application US/08700448  
Patent No. 5965720  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei et al.  
TITLE OF INVENTION: Oligonucleotide N3'-p5'  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESS: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/700,448  
FILING DATE: 01/10/97  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent M. Powers  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0012.10

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 17..18  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 19..20  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 21..22  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 23..24  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-700-448-9

Query Match 0.6%; Score 12.8; DB 1; Length 24;  
Best Local Similarity 70.8%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTATATATA 1608  
DB 1 TATATATATATTTTATATATA 24

```

RESULT 1098
S-08-923-386A-7
Sequence 7, Application US/08923386A
Patent No. 6169170
GENERAL INFORMATION:
  APPLICANT: Gryaznov, Sergei
  TITLE OF INVENTION: Oligonucleotide N3'-p5'
  TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
  TITLE OF INVENTION: Properties
  NUMBER OF SEQUENCES: 27
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Dehlinger & Associates
  STREET: P.O. Box 60850
  CITY: Palo Alto
  STATE: CA
  COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/923,386A
  FILING DATE:
  CLASSIFICATION: 514
  ATTORNEY/AGENT INFORMATION:
  NAME: Fabian, Gary R.
  REGISTRATION NUMBER: 33,875
  REFERENCE/DOCKET NUMBER: 5525-0012
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: (415) 324-0880
  TELEFAX: (415) 324-0960
  INFORMATION FOR SEQ ID NO: 9:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 24 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: both
    TOPOLOGY: linear
    MOLECULE TYPE: DNA
    HYPOTHETICAL: NO
    ANTI-SENSE: NO
  ORIGINAL SOURCE:
    INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 6
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 1..22
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 3..4
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 5..6
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 7..8
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 9..10
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 15..16
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 17..18
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 19..20
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 21..22
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. NO. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 7;

dy 1585 TCTATTTCTGTGTATTATATA 1608
db 1 TATATATATATTTTATATATATA 24

RESULT 1099
S-08-923-386A-9
Sequence 9, Application US/08923386A
Patent No. 6169170
GENERAL INFORMATION:
  APPLICANT: Gryaznov, Sergei
  TITLE OF INVENTION: Oligonucleotide N3'-p5'
  TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
  TITLE OF INVENTION: Properties
  NUMBER OF SEQUENCES: 27
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Dehlinger & Associates
  STREET: P.O. Box 60850
  CITY: Palo Alto
  STATE: CA
  COUNTRY: USA
```



```

;
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 23..24
; OTHER INFORMATION: /note="where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; US-08-923-386A-9
;
; Query Match
; Best Local Similarity 0.6%; Score 12.8; DB 1; Length 24;
; Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
;
; QY 1585 TCTATTTCTGTGTATTTATATA 1608
; Db 1 TATATATATATTTTATATATA 24
;
; RESULT 1100
; US-08-388-381-2
; Sequence 2, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 1 of human p53 gene
;
; US-08-388-381-2
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; Query Match
; Best Local Similarity 0.6%; Score 12.6; DB 1; Length 19;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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; QY 1560 CCCACACCCCTCAGATTTT 1578
; Db 1 CCCCAGCCCCAGCATTTT 19
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; RESULT 1101
; US-08-164-200-9
; Sequence 9, Application US/08164200
; Patent No. 5552390
; GENERAL INFORMATION:
; APPLICANT: Scholar, Eric M.
; APPLICANT: Iverson, Patrick L.
; TITLE OF INVENTION: Phosphorothioate Inhibitors of Metastatic
; TITLE OF INVENTION: Breast Cancer
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarley, McKee, Thomte, Voorhees, & Sease
; STREET: 801 Grand Avenue Suite 3200
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: United States
; ZIP: 50309
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/164,200
; FILING DATE: December 9, 1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nebel, Heidi Sease
; REGISTRATION NUMBER: P-37,719
; REFERENCE/DOCKET NUMBER: UNMC #63054
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 288-3667
; TELEFAX: (515) 288-1338
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-08-164-200-9
;
; Query Match
; Best Local Similarity 0.6%; Score 12.6; DB 1; Length 19;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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; QY 704 TCGGGGCTGGCAAGGCAA 722
; Db 1 TCGTGGTGGCACAGGCAA 19
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; RESULT 1102
; US-08-222-177A-121/c
; Sequence 121, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
;
; US-08-222-177A-121/c
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Country	Docket Number	WFB Number	Score	DB	Length	Indels	Mismatches	Gaps
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>TELECOMMUNICATION INFORMATION:  TELEPHONE: (703) 836-6400  TELEFAX: (703) 836-2787  INFORMATION FOR SEQ ID NO: 12:  SEQUENCE CHARACTERISTICS:  LENGTH: 19 base pairs  TYPE: nucleic acid  STRANDEDNESS: single-stranded  TOPOLOGY: linear  MOLECULE TYPE: DNA (genomic)  HYPOTHETICAL:  ANTI-SENSE:  ORIGINAL SOURCE:  ORGANISM:  STRAIN:  INDIVIDUAL ISOLATE:  POSITION IN GENOME:  CHROMOSOME/SEGMENT:  MAP POSITION:  FEATURE:  NAME/KEY:  LOCATION: 467-485  IDENTIFICATION METHOD:  OTHER INFORMATION:  US-08-105-168B-12</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>								
USA	53717-1914	28835	0.6%	12.6	19	0	0	0
<p>Query Match  Best Local Similarity 78.9%; Pred. No. 7.3e+02;  Matches 15; Conservative</p>								

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-540-104-6

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 CCTGAGGAGTGGCGATG 1249
Db 1 CCGAGGAAGTGGCGATG 19

RESULT 1105
US-08-620-717A-6
; Sequence 6, Application US/08620717A
; Patent No. 5670365
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; TITLE OF INVENTION: Identification of, and Uses For, Nematicidal
; TITLE OF INVENTION: Bacillus thuringiensis Genes, Toxins, and Isolates
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,717A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/540,104
; FILING DATE: 06-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA94.C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-620-717A-6

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 CCTGAGGAGTGGCGATG 1249
Db 1 CCGAGGAAGTGGCGATG 19

RESULT 1106
US-08-441-430-48/c
; Sequence 48, Application US/08441430
; Patent No. 5681942
; GENERAL INFORMATION:
```

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; APPLICANT: Buchwald, Manuel
; APPLICANT: Strathdee, Craig A.
; APPLICANT: Wevrick, Rachel
; TITLE OF INVENTION: Fanconi Anemia Type C Gene
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Polley, Esq.
; ADDRESSEE: Klarquist, Sparkman, Campbell, Leigh &
; ADDRESSEE: Whinston, LLP
; STREET: 121 S.W. Salmon, Suite 1600
; CITY: Portland
; STATE: Oregon
; COUNTRY: U.S.A.
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3+1/2-inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1/ASCII Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,430
; FILING DATE: May 15, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 07/876,285
; FILING DATE: April 29, 1992
; APPLICATION NUMBER: U.S. 07/918,313
; FILING DATE: July 21, 1992
; APPLICATION NUMBER: U.S. 08/003,963
; FILING DATE: January 15, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard J. Polley, Esq.
; REGISTRATION NUMBER: 28,107
; REFERENCE/DOCKET NUMBER: 3812-42824
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single stranded
; TOPOLOGY: Linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-441-430-48

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 89 GGAAACTCTGTACTACTA 107
Db 19 GGAAATCTCAAACTACTA 1

RESULT 1107
US-08-663-023-4
; Sequence 4, Application US/08663023
; Patent No. 5763178
; GENERAL INFORMATION:
; APPLICANT: CHIRIKJIAN, Jack G.
; APPLICANT: COLLIER, G. Bruce
; TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC
; TITLE OF INVENTION: ACID DETECTION
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
```

CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/663,023  
FILING DATE: 07-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/012,950  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,089  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66669/110  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-663-023-4  
Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Y 497 CCGAGGCATCTGGCTTCTG 515  
|||||  
b 1 CCGAGGAATTAGCCTTCTG 19  
RESULT 1108  
S-08-663-023-6  
Sequence 6, Application US/08663023  
Patent No. 5763178  
GENERAL INFORMATION:  
APPLICANT: CHIRIKJIAN, Jack G.  
APPLICANT: COLLIER, G. Bruce  
TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC  
TITLE OF INVENTION: ACID DETECTION  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/663,023  
FILING DATE: 07-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/012,950  
FILING DATE: 06-MAR-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,089  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66669/110  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-663-023-6  
Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 497 CCGAGGCATCTGGCTTCTG 515  
|||||  
Db 1 CCGAGGAATTAGCCTTCTG 19  
RESULT 1109  
US-08-663-023-7  
Sequence 7, Application US/08663023  
Patent No. 5763178  
GENERAL INFORMATION:  
APPLICANT: CHIRIKJIAN, Jack G.  
APPLICANT: COLLIER, G. Bruce  
TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC  
TITLE OF INVENTION: ACID DETECTION  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/663,023  
FILING DATE: 07-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/012,950  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,089  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66669/110  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

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; TOPOLOGY: linear
; US-08-663-023-7
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 497 CCGAGGCACTGGCTTCTG 515
;      ||||| ||| |||||
; Db 1 CCGAGGAATCGCCTTCTG 19
;
; RESULT 1110
; US-08-132-168A-19
; Sequence 19, Application US/08132168A
; Patent No. 5783680
; GENERAL INFORMATION:
; APPLICANT: Brunner, H. G.
; APPLICANT: Breakfield, X.
; TITLE OF INVENTION: Genetic Diagnosis and Treatment for
; TITLE OF INVENTION: Impulsive Aggression
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, N.W. Suite 600
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/132,168A
; FILING DATE: 06-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0609.4000000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-132-168A-19
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 1915 TTTTGTAGTTGGTCTGTT 1933
;      ||||| ||||| |||||
; Db 1 TTTTGTAGTTGGTCTGTT 19
;
; RESULT 1111
; US-08-832-883-44
; Sequence 44, Application US/08832883
; Patent No. 5807681
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; APPLICANT: Baldi, Alphonso
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
; TITLE OF INVENTION: OF CANCER
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
;
; ADDRESSER: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
; STREET: Suite 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,883
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-832-883-44
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 710 CTGGCAAGGCAAGTATTA 728
;      ||||| ||||| |||||
; Db 1 CAGGCAAAATGTAAGTATGA 19
;
; RESULT 1112
; US-08-650-125-8
; Sequence 8, Application US/08650125
; Patent No. 5830751
; GENERAL INFORMATION:
; APPLICANT: BOEKE, JEF
; APPLICANT: BRACHMANN, RAINER
; TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
; TITLE OF INVENTION: USING TP23
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,125
; FILING DATE: 01-MAY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 1107.55985
```

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX: 97430 BMB UT  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
JS-08-650-125-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1333 GAAGAGGAGGAGGAGGGG 1351  
b 1 GCAGGGGAGGAGAGATGG 19

## RESULT 1113

JS-08-229-528-36/c  
Sequence 36, Application US/08229528  
Patent No. 5837447

## GENERAL INFORMATION:

APPLICANT: GORSKI, Jack  
TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY ANALYSIS OF AMPLIFIED IMMUNO  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Hardner

STREET: P. O. Box 1497

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53701-1497

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS 3.3

SOFTWARE: Wordperfect, Version 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/229,528

FILING DATE: 18-APR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/868,569

FILING DATE: 15-APR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Scanlon, William J.

REGISTRATION NUMBER: 30,136

REFERENCE/DOCKET NUMBER: 30383/133

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 258-4284

TELEFAX: (608) 258-4258

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid;

DESCRIPTION: Synthetic DNA oligonucleotide

JS-08-229-528-36

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1010 CAGCTGTGGCCCTGGATAC 1028  
b 19 CAGCTGAGTCCCTGGGTTTC 1

## RESULT 1114

US-08-832-877-44

Sequence 44, Application US/08832877

Patent No. 5840506

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF

TITLE OF INVENTION: CANCER

NUMBER OF SEQUENCES: 116

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,877

FILING DATE:

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-877-44

## Query Match

Best Local Similarity 0.6%; Score 12.6; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy

710 CTGGCAAGGCAAGTATTA 728

Db

1 CAGGCAATGTAGTATCA 19

## RESULT 1115

US-08-494-151-9

Sequence 9, Application US/08494151

Patent No. 5840528

GENERAL INFORMATION:

APPLICANT: Van Ooyen, Albert Johannes Joseph

TITLE OF INVENTION: Transformation of Phaffia rhodozyma

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Morrison & Foerster

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington, D.C.

COUNTRY: USA

ZIP: 20006-1812

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/494,151

FILING DATE: 23-JUN-1995

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24615-20039.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: AB3500  
US-08-494-151-9

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 604 GACGGCGTGGAGAGGCGCT 622  
DB 1 GATGGGATGGAGATGCGCT 19

RESULT 1116  
US-08-795-006A-8  
Sequence 8, Application US/08795006A  
Patent No. 5840579  
GENERAL INFORMATION:  
APPLICANT: Boeke, Jef  
APPLICANT: Brachmann, Rainer  
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53  
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA-TIONS  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff  
STREET: 1001 G Street, NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/795,006A  
FILING DATE: 05-FEB-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32141  
REFERENCE/DOCKET NUMBER: 01107.03170  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-795-006A-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGAGGGGG 1351  
DB 1 GCAGGGGAGGAGAGATGG 19

RESULT 1117  
US-08-698-948-12  
Sequence 12, Application US/08698948  
Patent No. 5849901  
GENERAL INFORMATION:  
APPLICANT: MABILAT et al.  
TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION  
TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DE  
TITLE OF INVENTION: MYCOBACTERIA  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria,  
STATE: Virginia  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" DS/HD  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS DOS 3.1  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/698,948  
FILING DATE: August 16, 1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/105,168  
FILING DATE: August 12, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR9210094  
FILING DATE: August 8, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: William P. Berridge  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 28835A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6400  
TELEFAX: (703) 836-2787  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL:  
ANTI-SENSE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
FEATURE:  
NAME/KEY:  
LOCATION: 467-485  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
US-08-698-948-12

Query Match 0.6%; Score 12.6; DB 1; Length 19;

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Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1485 GGTCAAGGAGGAGGTCAAG 1503
||||| ||||| |||||
b 1 GGTCAAGAGGTAGCCRAAG 19

RESULT 1118
IS-08-849-536A-17
Sequence 17, Application US/08849536A
Patent No. 5853976
GENERAL INFORMATION:
APPLICANT: HESSE, Friederike
APPLICANT: AMBROSIO, Dorothee
APPLICANT: BURTSCHER, Helmut
TITLE OF INVENTION: RECOMBINANT PROTEINASE FROM CLOSTRIDIUM
TITLE OF INVENTION: HISTOLYTICUM AND ITS USE FOR ISOLATING CELLS AND GROUPS OF CELLS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 15th St., N.W., Suite 330 - G St. Lobby
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,536A
FILING DATE: Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wong, King L.
REGISTRATION NUMBER: 37,500
REFERENCE/DOCKET NUMBER: 1614-7026
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638 - 5000
TELEFAX: (202) 638 - 4810
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer 19-R"
IS-08-849-536A-17

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 7.3e+02;
Matches 12; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Y 1553 GTTCTTCCCAACCCCT 1570
|:|:|:|:|:|:|:|:|
b 1 GCTCTCTCCGACGACCCCT 18

RESULT 1119
IS-09-038-227-28/c
Sequence 28, Application US/09038227
Patent No. 5917029
GENERAL INFORMATION:
APPLICANT: Yu, Su-May
TITLE OF INVENTION: SUGAR-RESPONSIVE ENHANCERS
TITLE OF INVENTION: IN ALPHA-AMYLASE GENES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,227
FILING DATE: 11-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Tsao, Y. Rocky
REGISTRATION NUMBER: 34,053
REFERENCE/DOCKET NUMBER: 05228/031001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-038-227-28

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 268 AGCGATGACTACATTAAT 286
|:|:|:|:|:|:|:|:|
DB 19 AGAGACGACCACAATAAT 1

RESULT 1120
US-09-038-227-34
Sequence 34, Application US/09038227
Patent No. 5917029
GENERAL INFORMATION:
APPLICANT: Yu, Su-May
TITLE OF INVENTION: SUGAR-RESPONSIVE ENHANCERS
TITLE OF INVENTION: IN ALPHA-AMYLASE GENES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,227
FILING DATE: 11-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Tsao, Y. Rocky
REGISTRATION NUMBER: 34,053
REFERENCE/DOCKET NUMBER: 05228/031001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-038-227-28
```



		TELEPHONE:	617/542-5070	
		TELEFAX:	617/542-8906	
		TELEX:	200154	
		INFORMATION FOR SEQ ID NO:	34:	
		SEQUENCE CHARACTERISTICS:		
		LENGTH:	19 base pairs	
		TYPE:	nucleic acid	
		STRANDEDNESS:	single	
		TOPOLOGY:	linear	
		MOLECULE TYPE:	DNA	
		US-09-038-227-34		
		Query Match	0.6%; Score 12.6; DB 1;	Length 19;
		Best Local Similarity	78.9%; Pred. No. 7.3e+02;	
		Matches	15; Conservative	0; Indels 4; Mismatches 0; Gaps 0;
QY	268	AGCGATGACTACATTAAAT	286	
DB	1	AGAGACGACCACAATAAT	19	
		RESULT 1121		
		US-08-656-906-3/c		
		; Sequence 3,	Application US/08656906	
		Patent No.	5972901	
		GENERAL INFORMATION:		
		APPLICANT:	Ferkol Jr., Thomas W.	
		APPLICANT:	Pamela B.	
		APPLICANT:	Ziad, Assem-Galal	
		TITLE OF INVENTION:	Serpin Enzyme Complex Receptor -	
		TITLE OF INVENTION:	Mediated Gene Transfer	
		NUMBER OF SEQUENCES:	31	
		CORRESPONDENCE ADDRESS:		
		ADDRESSEE:	Medlen & Carroll	
		STREET:	220 Montgomery Street, Suite 2200	
		CITY:	San Francisco	
		STATE:	California	
		COUNTRY:	United States Of America	
		ZIP:	94104	
		COMPUTER READABLE FORM:		
		MEDIUM TYPE:	Floppy disk	
		OPERATING SYSTEM:	IBM PC compatible	
		SOFTWARE:	PatentIn Release #1.0, Version #1.30	
		CURRENT APPLICATION DATA:		
		APPLICATION NUMBER:	US/08/656,906	
		FILING DATE:	03-JUN-1996	
		CLASSIFICATION:	514	
		PRIOR APPLICATION DATA:		
		APPLICATION NUMBER:	US 08/	
		FILING DATE:	03-JUN-1996	
		PRIOR APPLICATION DATA:		
		APPLICATION NUMBER:	WO 95/25809	
		FILING DATE:	23-MAR-1995	
		PRIOR APPLICATION DATA:		
		APPLICATION NUMBER:	US 08/216,534	
		FILING DATE:	23-MAR-1994	
		ATTORNEY/AGENT INFORMATION:		
		NAME:	Isgolia, Diane E.	
		REGISTRATION NUMBER:	40,027	
		REFERENCE/DOCKET NUMBER:	CASE-02280	
		TELECOMMUNICATION INFORMATION:		
		TELEPHONE:	(415) 705-8410	
		TELEFAX:	(415) 397-8338	
		INFORMATION FOR SEQ ID NO:	3:	
		SEQUENCE CHARACTERISTICS:		
		LENGTH:	19 base pairs	
		TYPE:	nucleic acid	
		STRANDEDNESS:	single	
		TOPOLOGY:	linear	
		MOLECULE TYPE:	DNA (genomic)	
		US-08-656-906-3		

  

Query Match      0.6%; Score 12.6; DB 1; Length 19;  
 Best Local Similarity    78.9%; Pred. No. 7.3e+02;  
 Matches         15; Conservative    0; Mismatches    4; Indels          0; Gaps           0;

QY	1393	AARACAGAGGATGAAGAAG	1411	
DB	19	AAAAAAGAGAAGAAGAAG	1	
		RESULT 1122		
		US-08-743-637B-61/c		
		; Sequence 61,	Application US/08743637B	
		Patent No.	5994066	
		GENERAL INFORMATION:		
		APPLICANT:	BERGERON, Michel G.	
		APPLICANT:	PICARD, Francois J.	
		APPLICANT:	OUELLETTE, Marc	
		APPLICANT:	ROY, Paul H.	
		TITLE OF INVENTION:	SPECIES-SPECIFIC AND UNIVERSAL DNA	
		TITLE OF INVENTION:	PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND	
		TITLE OF INVENTION:	IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED	
		TITLE OF INVENTION:	ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...	
		NUMBER OF SEQUENCES:	273	
		CORRESPONDENCE ADDRESS:		
		ADDRESSEE:	QUARLES & BRADY	
		STREET:	411 EAST WISCONSIN AVENUE	
		CITY:	MILWAUKEE	
		STATE:	WISCONSIN	
		COUNTRY:	USA	
		ZIP:	53202-4497	
		COMPUTER READABLE FORM:		
		MEDIUM TYPE:	Floppy disk	
		OPERATING SYSTEM:	PC-DOS/MS-DOS	
		SOFTWARE:	PatentIn Release #1.0, Version #1.30	
		CURRENT APPLICATION DATA:		
		APPLICATION NUMBER:	US/08/743,637B	
		FILING DATE:	04-NOV-1996	
		CLASSIFICATION:	435	
		PRIOR APPLICATION DATA:		
		APPLICATION NUMBER:	US 08/526,840	
		FILING DATE:	11-SEP-1995	
		ATTORNEY/AGENT INFORMATION:		
		NAME:	BAKER, Jean C.	
		REGISTRATION NUMBER:	35,433	
		REFERENCE/DOCKET NUMBER:	850586.90012	
		TELECOMMUNICATION INFORMATION:		
		TELEPHONE:	(414) 277-5000	



```

; SOFTWARE: Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,583A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/08110
; FILING DATE: 13-MAY-1997
; APPLICATION NUMBER: US 08/645,067
; FILING DATE: 13-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: PERRY, LAWRENCE S.
; REGISTRATION NUMBER: 31,865
; REFERENCE/DOCKET NUMBER: 874,2500 CIP/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-2400
; TELEFAX: (212) 758-2982
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: Rattus norvegicus
; TISSUE TYPE: Liver
; CELL TYPE: Hepatocyte
; POSITION IN GENOME:
; UNITS: bp
; US-08-855-583A-15

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 252 GATGACCAAGTACCACAGC 270
Db 1 GGTGACAAAGAACTACAGC 19

RESULT 1126
US-09-184-073-8
; Sequence 8, Application US/09184073
; Patent No. 6183964
; GENERAL INFORMATION:
; APPLICANT: Boeke, Jef
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
; TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTATIONS
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/184,073
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/795,006
; FILING DATE:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.03170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-184-073-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGGGGG 1351
Db 1 GCAGGGGAGGAGATGG 19

RESULT 1127
US-09-217-847-3/c
; Sequence 3, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA: WO WO 95/25809
; FILING DATE: 23-MAR-1995
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
JS-09-217-847-3

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1393 AAAACAGAGGATGAAAAAG 1411  
||||| ||||| ||||| |||||  
DB 19 AAAAAGGAAGGAAGAAG 1

RESULT 1128  
US-09-619-444-15  
; Sequence 15, Application US/09619444  
; Patent No. 6228595  
; GENERAL INFORMATION:  
; APPLICANT: Morris, Dale L.  
; APPLICANT: Davila, Julio C.  
; TITLE OF INVENTION: Analysis of Expression of  
; TITLE OF INVENTION: Rat Cytochrome P450 Isoenzymes and Phase II Conjugating  
; TITLE OF INVENTION: Enzymes  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fitzpatrick, Cella, Harper &  
; ADDRESSEE: Scinto  
; STREET: 277 Park Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 10172-0194  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0,  
; SOFTWARE: Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/619,444  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/855,583  
; FILING DATE:  
; APPLICATION NUMBER: PCT/US97/08110  
; FILING DATE: 13-MAY-1997  
; APPLICATION NUMBER: US 08/645,067  
; FILING DATE: 13-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
; NAME: PERRY, LAWRENCE S.  
; REGISTRATION NUMBER: 31,865  
; REFERENCE/DOCKET NUMBER: 874,2500 CIP/PCT  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-2400  
; TELEFAX: (212) 758-2982  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
; ORGANISM: Rattus norvegicus  
; TISSUE TYPE: Liver  
; CELL TYPE: Hepatocyte  
; POSITION IN GENOME:  
; UNITS: bp  
US-09-619-444-15

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 252 GATGACCAAGTACCACGC 270  
||||| ||||| ||||| |||||  
DB 1 GGTGACAAAGAACTACAGC 19

RESULT 1129  
US-09-187-946-12/c  
; Sequence 12, Application US/09187946  
; Patent No. 6255467  
; GENERAL INFORMATION:  
; APPLICANT: Lindner, Luther E.  
; APPLICANT: Macphee, Kathleen  
; TITLE OF INVENTION: Human Blood Bacterium  
; FILE REFERENCE: D6026  
; CURRENT APPLICATION NUMBER: US/09/187,946  
; CURRENT FILING DATE: 1998-11-02  
; EARLIER APPLICATION NUMBER: US 60/064,472  
; EARLIER FILING DATE: 1997-11-06  
; NUMBER OF SEQ ID NOS: 20  
; SEQ ID NO 12  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: primer bind  
; OTHER INFORMATION: primer specific for 23S rRNA of a new human blood  
; OTHER INFORMATION: bacterium  
; PUBLICATION INFORMATION:  
; AUTHORS: Ludwig, et al.  
; TITLE: Complete 23S ribosomal RNA sequences of gram-positive  
; TITLE: bacteria with a low DNA G+C content  
; PATENT DOCUMENT NUMBER: System. Appl. Microbiol. 15: 487-501  
; PATENT FILING DATE: 1992  
US-09-187-946-12

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 612 GGAAGAGCGCTTCAATGCC 630  
||||| ||||| ||||| |||||  
DB 19 GGAAGAGCGCTTCAATGCC 1

RESULT 1130  
US-09-316-083-7  
; Sequence 7, Application US/09316083A  
; Patent No. 6280942  
; GENERAL INFORMATION:  
; APPLICANT: The Institute of Physical and Chemical Research  
; TITLE OF INVENTION: Endonuclease  
; FILE REFERENCE: PH-651  
; CURRENT APPLICATION NUMBER: US/09/316,083A  
; CURRENT FILING DATE: 1999-05-20  
; EARLIER APPLICATION NUMBER: JP98/141861  
; EARLIER FILING DATE: 1998-05-22  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-316-083-7  
Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1597 TGTATTATATAAAATTT 1615  
||| ||| ||| ||| ||| |||  
Db 1 TGAATATATGTATAAATTT 19

## RESULT 1131

US-09-485-549-10

; Sequence 10, Application US/09485549

; Patent No. 6361948

; GENERAL INFORMATION:

; APPLICANT: James Tricoli

; APPLICANT: Rachel Rhodinelli

; APPLICANT: Fox Chase Cancer Center

; TITLE OF INVENTION: Prognostic Compositions for Prostate Cancer and Methods of Use

; FILE REFERENCE: FCOC 96-13

; CURRENT APPLICATION NUMBER: US/09/485,549

; PRIOR FILING DATE: 2000-11-09

; PRIOR APPLICATION NUMBER: PCT/US98/16768

; PRIOR FILING DATE: 1998-08-13

; PRIOR APPLICATION NUMBER: 60/055,285

; NUMBER OF SEQ ID NOS: 10

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 10

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-485-549-10

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1459 AAGGAGGAGGAGGAGG 1477

||| ||| ||| ||| ||| |||

Db 1 AAGGAGGAGGAGGAGG 19

## RESULT 1132

US-08-294-312B-32/c

; Sequence 32, Application US/08294312B

; Patent No. 6380369

; GENERAL INFORMATION:

; APPLICANT: Adams et al.

; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins

; FILE REFERENCE: PF106P2

; CURRENT APPLICATION NUMBER: US/08/294,312B

; PRIOR FILING DATE: 1994-08-23

; PRIOR APPLICATION NUMBER: 08/210,143

; PRIOR FILING DATE: 1994-03-16

; PRIOR APPLICATION NUMBER: 08/187,757

; PRIOR FILING DATE: 1994-01-27

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 32

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: hMLH1 antisense primer

US-08-294-312B-32

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCGTGTAC 519

||| ||| ||| ||| ||| |||

Db 19 GCCATGTGGCTCATGTTC 1

## RESULT 1133

US-09-224-048A-8

; Sequence 8, Application US/09224048A

; Patent No. 6387366

; GENERAL INFORMATION:

; APPLICANT: Hurwitz, David R.

; APPLICANT: Galanopoulos, Theofanis

; APPLICANT: Levine, Peter H.

; APPLICANT: Greenberger, Joel S.

; TITLE OF INVENTION: METHOD FOR REDUCING ADVERSE SIDE EFFECTS ASSOCIATED

; FILE REFERENCE: 07787/007001

; CURRENT APPLICATION NUMBER: US/09/224,048A

; CURRENT FILING DATE: 1998-12-31

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-224-048A-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1415 AAGACCCAGGAGGAGAA 1433

||| ||| ||| ||| ||| |||

Db 1 AAGACCCAGGAGGAGGA 19

## RESULT 1134

US-08-468-024B-32/c

; Sequence 32, Application US/08468024B

; Patent No. 6416984

; GENERAL INFORMATION:

; APPLICANT: Haseltine et al.

; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins

; FILE REFERENCE: PF106P3

; CURRENT APPLICATION NUMBER: US/08/468,024B

; PRIOR FILING DATE: 1995-06-06

; PRIOR APPLICATION NUMBER: 08/294,312

; PRIOR FILING DATE: 1994-08-23

; PRIOR APPLICATION NUMBER: 08/210,143

; PRIOR FILING DATE: 1994-03-16

; PRIOR APPLICATION NUMBER: 08/187,757

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 32

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: hMLH1 antisense primer

US-08-468-024B-32

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCGTGTAC 519

||| ||| ||| ||| ||| |||

Db 19 GCCATGTGGCTCATGTTC 1

## RESULT 1135

US-09-306-828-36/c

; Sequence 36, Application US/09306828

; Patent No. 6475724

; GENERAL INFORMATION:

```
APPLICANT: Nguyen, Thai D.
APPLICANT: Polansky, Jon R.
APPLICANT: Chen, Pu
APPLICANT: Chen, Hua
TITLE OF INVENTION: Nucleic Acids, Kits, And Methods For The Diagnosis, Prognosis And
CURRENT APPLICATION NUMBER: US/09/306,828
CURRENT FILING DATE: 1999-05-07
EARLIER APPLICATION NUMBER: US 09/227,881
EARLIER FILING DATE: 1999-01-11
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Microsoft Word 97
SEQ ID NO 36
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
JS-09-306-828-36

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

XY 147 CCCAATGAAGCCTCACCGA 165
||| ||||| ||||| |||||
DB 19 CCAGAGGAAGCCTCACCA 1

RESULT 1136
JS-08-187-757D-30/c
Sequence 30, Application US/08187757D
Patent No. 6482606
GENERAL INFORMATION:
APPLICANT: Adams et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PFI06
CURRENT APPLICATION NUMBER: US/08/187,757D
CURRENT FILING DATE: 1994-01-27
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: hMLH1 antisense primer
JS-08-187-757D-30

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

XY 501 GGCATCTGGCTTCTGTTC 519
||| ||||| ||||| |||||
DB 19 GCCATGTGGCTCATGTTC 1

RESULT 1137
JS-09-933-700-7
Sequence 7, Application US/09933700
Patent No. 6528296
GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: PH-651
FILE REFERENCE: PH-651
CURRENT APPLICATION NUMBER: US/09/933,700
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 09/316,083
PRIOR FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-933-700-7

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1597 TGTATTATTATATAAAATTT 1615
||| ||||| ||||| |||||
DB 1 TGAATATATGTATAAATTT 19

RESULT 1138
US-09-422-978-4976/c
Sequence 4976, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020Cp1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4976
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-1977 for SEQ 1042,
US-09-422-978-4976

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1417 GACCCAGAGGAGAGAGAAAG 1435
||| ||||| ||||| |||||
DB 19 GTCCTAAGGAGGTAGAAAG 1

RESULT 1139
US-09-422-978-5450
Sequence 5450, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020Cp1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5450
LENGTH: 19
TYPE: DNA
```

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; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2610 for SEQ 1516,
US-09-422-978-5450

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 701 ATATCGGGGCTGCAAGG 719
Db 1 ATATCAGGCAGGCACAAG 19

RESULT 1140
US-09-422-978-6658/c
; Sequence 6658, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6658
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-16017 for SEQ 2724,
US-09-422-978-6658

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1367 CCAACTCAAAAAGCCAA 1385
Db 19 CCATCAAAAAGAAGCCAA 1

RESULT 1141
US-09-422-978-8800/c
; Sequence 8800, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```
; SEQ ID NO 8800
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-18312 for SEQ 935, in comple
US-09-422-978-8800

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1161 GTTTGAGACCTTAGAATG 1179
Db 19 GTTTGGGAAGTTTGAATG 1

RESULT 1142
US-09-422-978-11036
; Sequence 11036, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11036
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in comple
US-09-422-978-11036

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1408 AAAGAGAAAGCCAGAGG 1426
Db 1 AAAGTGCTAGACCCAGACG 19

RESULT 1143
US-09-422-978-11248/c
; Sequence 11248, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```

EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 11248

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..19

; OTHER INFORMATION: downstream amplification primer 99-3638 for SEQ 3383, in comple

JS-09-422-978-11248

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2Y 831 GGTGTCCTTACAGTGGC 849

3B 19 GGTGAACCTTCTGTGGC 1

RESULT 1144

JS-09-422-978-11269/c

; Sequence 11269, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilva

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 11269

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..19

; OTHER INFORMATION: downstream amplification primer 99-3764 for SEQ 3404, in comple

JS-09-422-978-11269

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2Y 1402 GATGAAAAGACAGAC 1420

3B 19 GATAAAGACAGAAAGCC 1

RESULT 1145

JS-09-422-978-11455

; Sequence 11455, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilva

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850



Best Local Similarity 73.7%; Pred. No. 7.3e+02;  
Matches 14; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1478 CCAAGGGGTCAGAGGGA 1496  
DB 1 CCAAGAGGCUCAAGUUGGA 19

RESULT 1147  
US-09-184-072-8  
Sequence 8, Application US/09184072  
Patent No. 6566056  
GENERAL INFORMATION:  
APPLICANT: BOEKE, JEF  
APPLICANT: BRACHMANN, RAINER  
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS  
TITLE OF INVENTION: USING TP23  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/184,072  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/650,125  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32,145  
REFERENCE/DOCKET NUMBER: 1107.55985  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX: 97430 BMB UT  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-184-072-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGGAGGGG 1351  
DB 1 GCAGGGGAGGAGAGTGG 19

RESULT 1148  
US-08-465-679-32/c  
Sequence 32, Application US/08465679  
Patent No. 6610477  
GENERAL INFORMATION:  
APPLICANT: Haseltine et al.  
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
FILE REFERENCE: PF106P4  
CURRENT APPLICATION NUMBER: US/08/465,679  
CURRENT FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: 08/294,312  
PRIOR FILING DATE: 1994-08-23  
PRIOR APPLICATION NUMBER: 08/210,143  
PRIOR FILING DATE: 1994-03-16  
PRIOR APPLICATION NUMBER: 08/187,757  
PRIOR FILING DATE: 1994-01-27  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 32  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: hMLH1 antisense primer  
US-08-465-679-32  
Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCTGTAC 519  
DB 19 GCCATGTGGCTCATGTTAC 1

RESULT 1149  
US-08-210-143C-30/c  
Sequence 30, Application US/08210143C  
Patent No. 6620619  
GENERAL INFORMATION:  
APPLICANT: Haseltine et al.  
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
FILE REFERENCE: PF106P1  
CURRENT APPLICATION NUMBER: US/08/210,143C  
CURRENT FILING DATE: 1994-03-16  
PRIOR APPLICATION NUMBER: 08/187,757  
PRIOR FILING DATE: 1994-01-27  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 30  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: hMLH1 antisense primer  
US-08-210-143C-30

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCTGTAC 519  
DB 19 GCCATGTGGCTCATGTTAC 1

RESULT 1150  
US-09-831-642-29/c  
Sequence 29, Application US/09831642  
Patent No. 6635751  
GENERAL INFORMATION:  
APPLICANT: HAZE, Kyosuke et al.  
TITLE OF INVENTION: ENDOPLASMIC RETICULUM STRESS TRANSCRIPTION FACTORS ATF6 AND CREB  
FILE REFERENCE: 1422-0474P  
CURRENT APPLICATION NUMBER: US/09/831,642  
CURRENT FILING DATE: 2001-05-11  
NUMBER OF SEQ ID NOS: 83  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 29  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Rat  
US-09-831-642-29

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 49 CGGAGGCGGAGCAGATGG 67  
| | | | | | | | | | | | | | | | | | | | |  
Db 19 CGGAGGCGGAGCAGATGG 1

## RESULT 1151

US-09-672-717-191/c  
Sequence 191, Application US/09672717

Patent No. 6673917

GENERAL INFORMATION:

APPLICANT: Korneluk, Robert G.

APPLICANT: LaCasse, Eric

APPLICANT: Baird, Stephen

APPLICANT: Holcik, Martin

APPLICANT: Young, Sean

TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses

TITLE OF INVENTION: Thereof

FILE REFERENCE: 07891/025001

CURRENT APPLICATION NUMBER: US/09/672,717

CURRENT FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 231

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 191

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: based on Homo sapiens

US-09-672-717-191

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 418 GCAAGTGTGTGAAACTTA 436  
| | | | | | | | | | | | | | | | | | | | |  
Db 19 GTAAGTGAAGTAAACTTA 1

## RESULT 1152

US-09-672-717-214

Sequence 214, Application US/09672717

Patent No. 6673917

GENERAL INFORMATION:

APPLICANT: Korneluk, Robert G.

APPLICANT: LaCasse, Eric

APPLICANT: Baird, Stephen

APPLICANT: Holcik, Martin

APPLICANT: Young, Sean

TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses

TITLE OF INVENTION: Thereof

FILE REFERENCE: 07891/025001

CURRENT APPLICATION NUMBER: US/09/672,717

CURRENT FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 231

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 214

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: based on Homo sapiens

US-09-672-717-214

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1335 AGAGGAGGAGGGGGGC 1353  
| | | | | | | | | | | | | | | | | | | | |  
Db 1 AGAGGAGGAGTCGGAGGC 19

## RESULT 1153

US-09-548-797B-69/c

Sequence 69, Application US/09548797B

Patent No. 6683165

GENERAL INFORMATION:

APPLICANT: KEITH, TIM

TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND

TITLE OF INVENTION: OBESITY

FILE REFERENCE: 2976-4039

CURRENT APPLICATION NUMBER: US/09/548,797B

CURRENT FILING DATE: 2002-11-26

PRIOR APPLICATION NUMBER: 60/129,391

PRIOR FILING DATE: 1999-04-13

NUMBER OF SEQ ID NOS: 170

SOFTWARE: PatentIn ver. 2.1

SEQ ID NO 69

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-548-797B-69

Query Match 0.6%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 7.3e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1332 TGAAGAGGAGGAGAGGGG 1350  
| | | | | | | | | | | | | | | | | | | | |  
Db 19 TGGGAGGAGTAGAGGGG 1

## RESULT 1154

PCT-US94-06331A-3

Sequence 3, Application PC/TUS9406331A

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: TREATMENT OF FIBROSIS AND

TITLE OF INVENTION: FIBROUS TISSUE DISEASE

NUMBER OF SEQUENCES: 67

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM MS-DOS (Version 5.0)

SOFTWARE: Wordperfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/06331A

FILING DATE: June 2, 1994

CLASSIFICATION:

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 202/115

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

none

```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US94-06331A-3

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 7.3e+02;
Matches 14; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1430 AGAAGAAGTCACCGAGA 1448
Db 1 AGAAGAGGUGCCGAGGA 19

RESULT 1155
PCT-US95-08605-2
; Sequence 2, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:

; NAME/KEY: primer for exon 1 of human p53 gene
PCT-US95-08605-2

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1560 CCCCACCCCTCAGATTTT 1578
Db 1 CCCCAGCCCGAGCATTTT 19

RESULT 1156
5169941-25
; Patent No. 5169941
; APPLICANT: MACH, BERNARD F.; LONG, ERIC O.; WAKE, CLAIRE T.
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE DR B CHAIN
; LOCUS OF THE HUMAN LYMPHOCYTE ANTIGEN COMPLEX AND POLYPEPTIDES
; DIAGNOSTIC TYPING PROCESSES AND PRODUCTS RELATED THERETO
; NUMBER OF SEQUENCES: 31
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/519,393
; FILING DATE: 29-JUL-1983
; SEQ ID NO: 25:
; LENGTH: 19
5169941-25

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 545 TGGAACTGCTAAAGTATCA 563
Db 1 TGGAGCTGCTTAAAGTCTGA 19

RESULT 1157
5352575-10
; Patent No. 5352575
; APPLICANT: PETROVSKIS, ERIK A.; POST, LEONARD E.; TIMMINS, JAMES G.
; TITLE OF INVENTION: PSEUDORABIES VIRUS PROTEIN
; NUMBER OF SEQUENCES: 12
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/513,282
; FILING DATE: 20-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 100,817
; FILING DATE: 29-JUN-1987
; APPLICATION NUMBER: 886,260
; FILING DATE: 16-JUL-1986
; APPLICATION NUMBER: 784,787
; FILING DATE: 04-OCT-1985
; APPLICATION NUMBER: 801,799
; FILING DATE: 26-NOV-1985
; APPLICATION NUMBER: 844,113
; FILING DATE: 26-MAR-1986
; SEQ ID NO: 10:
; LENGTH: 19
5352575-10

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1334 AAGAGGAGGAGAGGGGGG 1352
Db 1 AAAAGGGGGGGGGGGGG 19

RESULT 1158
US-09-659-791A-44
; Sequence 44, Application US/09659791A
; Patent No. 6383808
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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-659-791A-44

Query Match      0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1670 TGTGCTGGGTGAGCTCTTC 1688
      ||||| ||||| ||||| |||||
DB 1 TGTCTCGAAGAGCTCGTC 19

RESULT 1159
IS-09-657-452A-96
Sequence 96, Application US/09657452A
Patent No. 6426188
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-657-452A-96

Query Match      0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GAGTACAGCAGCGATGC 337
      ||||| ||||| ||||| |||||
DB 2 GAGTACAGATCCGATGC 20

RESULT 1160
IS-09-907-843-18
Sequence 18, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-907-843-18
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Query Match      0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1523 CCAGCTCTGGCTTCTGCT 1541
      ||| ||||| ||||| |||||
DB 2 CCACTTTGGCTTCTGCT 20

RESULT 1161
US-07-803-633A-11
Sequence 11, Application US/07803633A
Patent No. 5369025
GENERAL INFORMATION:
APPLICANT: NAZERIAN, Keyvan
APPLICANT: LEE, Lucy F.
APPLICANT: YANAGIDA, No. 5369025oru
APPLICANT: OGAWA, Ryohei
APPLICANT: LI, Yi
TITLE OF INVENTION: RECOMBINANT FOWLPOX VACCINE FOR
TITLE OF INVENTION: PROTECTION AGAINST MAREK'S DISEASE
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 301 No. 5369025th Washington Street
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/07/803,633A
APPLICATION NUMBER: US/07/803,633A
FILING DATE: 19911210
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1644-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
TELEFAX: (703) 241-2848
TELEX: 248345
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-803-633A-11

Query Match      0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 ATTATATAAAAT 1613
      ||||| ||||| |||||
DB 1 ATTTTATAAAAT 14

RESULT 1162
US-07-803-633A-11/c
Sequence 11, Application US/07803633A
Patent No. 5369025
GENERAL INFORMATION:
APPLICANT: NAZERIAN, Keyvan
APPLICANT: LEE, Lucy F.
APPLICANT: YANAGIDA, No. 5369025oru
APPLICANT: OGAWA, Ryohei
```

APPLICANT: LI, Yi  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VACCINE FOR  
PROTECTION AGAINST MAREK'S DISEASE  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH  
STREET: 301 No. 5369025th Washington Street  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/803,633A  
FILING DATE: 19911210  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy Jr., Gerald M.  
REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 1644-103P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 241-1300  
TELEFAX: (703) 241-2848  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
JS-07-803-633A-11

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 ATTATATAAAAT 1613  
|||||  
Db 14 ATTATATAAAAT 1

RESULT 1163  
US-08-242-664-16  
; Sequence 16, Application US/08242664  
; Patent No. 5571937  
; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Kyoichi A.  
; APPLICANT: Ren, Wu-Yun  
; APPLICANT: Weil, Roger  
; TITLE OF INVENTION: Complementary DNA and Toxins  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10112  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.24  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/242,664  
; FILING DATE: May 12, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.

REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-977-9550  
TELEFAX: 212-664-0525  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-242-664-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAGAGA 1414  
|||||  
Db 1 GGAGGAAAAGAGA 14

RESULT 1164  
US-08-484-138-16  
; Sequence 16, Application US/08484138  
; Patent No. 5652350  
; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Kyoichi A.  
; APPLICANT: Ren, Wu-Yun  
; APPLICANT: Weil, Roger  
; TITLE OF INVENTION: Complementary DNA and Toxins  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.24  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/484,138  
; FILING DATE: June 7, 1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 44683-2/JPW/MJG  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-977-9550  
; TELEFAX: 212-664-0525  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-484-138-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAGAGA 1414  
|||||  
Db 1 GGAGGAAAAGAGA 14

RESULT 1165  
US-08-525-742-21  
; Sequence 21, Application US/08525742  
; Patent No. 5871742  
; GENERAL INFORMATION:  
; APPLICANT: Saito, Shuji  
; APPLICANT: Ohkawa, Setsuko  
; APPLICANT: Saeki, Sakiko  
; APPLICANT: Ohkawa, Ikuroh  
; APPLICANT: Funato, Hirono  
; APPLICANT: Iritani, Yoshikazu  
; APPLICANT: Aoyama, Shigemi  
; APPLICANT: Takahashi, Kiyochito  
; TITLE OF INVENTION: NEW POLYPEPTIDE, DNA ENCODING THE  
; TITLE OF INVENTION: POLYPEPTIDE, RECOMBINANT VECTOR BEARING THE DNA AND  
; TITLE OF INVENTION: RECOMBINANT VIRUS UTILIZING THE RECOMBINANT VECTOR AS WELL  
; TITLE OF INVENTION: AS USE THEREOF  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARMSTRONG, WESTERMAN, HATTORI, MCLELAND &  
; ADDRESSEE: NAUGHTON  
; STREET: 1725 K Street, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20006  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/525,742  
; FILING DATE: 25-SEP-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 05-074139  
; FILING DATE: 31-MAR-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 05-245625  
; FILING DATE: 30-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP94/00541  
; FILING DATE: 31-MAR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mclelland, Le-Nhung  
; REGISTRATION NUMBER: 31,541  
; REFERENCE/DOCKET NUMBER: 950811  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-659-2930  
; TELEFAX: 202-8870357  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
; US-08-525-742-21

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Y 1600 ATTATATATAAAAT 1613  
|||||  
b 1 ATTATATATAAAAT 14

RESULT 1166  
US-08-525-742-21/c

; Sequence 21, Application US/08525742  
; Patent No. 5871742  
; GENERAL INFORMATION:  
; APPLICANT: Saito, Shuji  
; APPLICANT: Ohkawa, Setsuko  
; APPLICANT: Saeki, Sakiko  
; APPLICANT: Ohkawa, Ikuroh  
; APPLICANT: Funato, Hirono  
; APPLICANT: Iritani, Yoshikazu  
; APPLICANT: Aoyama, Shigemi  
; APPLICANT: Takahashi, Kiyochito  
; TITLE OF INVENTION: NEW POLYPEPTIDE, DNA ENCODING THE  
; TITLE OF INVENTION: POLYPEPTIDE, RECOMBINANT VECTOR BEARING THE DNA AND  
; TITLE OF INVENTION: RECOMBINANT VIRUS UTILIZING THE RECOMBINANT VECTOR AS WELL  
; TITLE OF INVENTION: AS USE THEREOF  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARMSTRONG, WESTERMAN, HATTORI, MCLELAND &  
; ADDRESSEE: NAUGHTON  
; STREET: 1725 K Street, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20006  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/525,742  
; FILING DATE: 25-SEP-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 05-074139  
; FILING DATE: 31-MAR-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 05-245625  
; FILING DATE: 30-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP94/00541  
; FILING DATE: 31-MAR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mclelland, Le-Nhung  
; REGISTRATION NUMBER: 31,541  
; REFERENCE/DOCKET NUMBER: 950811  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-659-2930  
; TELEFAX: 202-8870357  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
; US-08-525-742-21

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1600 ATTATATATAAAAT 1613  
|||||  
Db 14 ATTATATATAAAAT 1

RESULT 1167  
US-09-548-880B-4/c  
; Sequence 4, Application US/09548880B  
; Patent No. 6589783  
; GENERAL INFORMATION:

APPLICANT: No. 6589783Y, Robert  
APPLICANT: Monsma, Scott  
TITLE OF INVENTION: Multiple Host Expression Vector  
FILE REFERENCE: 700399.90118  
CURRENT APPLICATION NUMBER: US/09/548,880B  
CURRENT FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: translation  
OTHER INFORMATION: Initiation region  
US-09-548-880B-4

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 597 CCATGGTGACGGCG 610  
|||||  
Db 14 CCATGGTGGCGCG 1

RESULT 1168  
PCT-US95-06379-16  
Sequence 16, Application PC/TUS9506379  
GENERAL INFORMATION:  
APPLICANT: Watanabe, Kyoichi A.  
APPLICANT: Ren, Wu-Yun  
APPLICANT: Wei, Roger  
TITLE OF INVENTION: Complementary DNA and Toxins  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44Mb  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06379  
FILING DATE: May 13, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-391-0526  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-06379-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1401 GGATGAAAAAGAGA 1414  
|||||

Db 1 GGAGGAAAAAGAGA 14

RESULT 1169  
US-08-311-760A-33  
Sequence 33, Application US/08311760A  
Patent No. 5599706  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,760A  
FILING DATE: September 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/155  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-760A-33

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 4.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 127 TACTATTATGACA 140  
:|:|:|:|:|:|  
Db 2 UACCAUUAUGGACA 15

RESULT 1170  
US-08-311-760A-34  
Sequence 34, Application US/08311760A  
Patent No. 5599706  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

;; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
;; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
;; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
;; TITLE OF INVENTION:  
;; NUMBER OF SEQUENCES: 392  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; CITY: Suite 4700  
;; STATE: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/311,760A  
;; FILING DATE: September 23, 1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/155  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 34:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
JS-08-311-760A-34

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 4.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 127 TACTATTATGGACA 140  
:||||:|||||  
Db 1 UACCAUUAUGGACA 14

RESULT 1171  
US-08-291-932A-69  
; Sequence 69, Application US/08291932A  
; Patent No. 5658790  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: Word Perfect 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/291,932A  
;; FILING DATE: August 15, 1994  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; PRIOR APPLICATION DATA: described below:  
;; APPLICATION NUMBER: 08/245,466  
;; FILING DATE: May 18, 1994  
;; APPLICATION NUMBER: 07/987,132  
;; FILING DATE: December 7, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/157  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 69:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-291-932A-69

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 4.9e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 997 AGGACATATGAGAC 1010  
:||||:|||||  
Db 1 AGGACCUAUGGAC 14

RESULT 1172  
US-08-291-932A-281  
; Sequence 281, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application



Two

PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 208/157  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 281:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-291-932A-281

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 78.6%; Pred. No. 4.9e+02;  
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1223 AGCCATCCCTGAG 1236  
 ||| |||:|:|:|:  
 DB 1 ACGUCAUCCUGAG 14

RESULT 1173  
 US-08-363-240A-14/c  
 Sequence 14, Application US/08363240A  
 Patent No. 5705388  
 GENERAL INFORMATION:  
 APPLICANT: Couture, Larry  
 APPLICANT: McSwiggen, James  
 APPLICANT: Bisgaler, Charles  
 APPLICANT: Pape, Michael  
 TITLE OF INVENTION: METHOD AND REAGENT FOR  
 TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 TITLE OF INVENTION: OF VASCULAR DISEASES  
 NUMBER OF SEQUENCES: 1243  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-363-240A-14  
 Query Match 0.6%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 92.9%; Pred. No. 4.9e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 638 GGGTCATGACTGTG 651  
 ||||| |||||  
 DB 15 GGGTCAGGACTGTG 2  
 RESULT 1174  
 US-08-363-240A-649/c  
 Sequence 649, Application US/08363240A  
 Patent No. 5705388  
 GENERAL INFORMATION:  
 APPLICANT: Couture, Larry  
 APPLICANT: McSwiggen, James  
 APPLICANT: Bisgaler, Charles  
 APPLICANT: Pape, Michael  
 TITLE OF INVENTION: METHOD AND REAGENT FOR  
 TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 TITLE OF INVENTION: OF VASCULAR DISEASES  
 NUMBER OF SEQUENCES: 1243  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 649:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-363-240A-649  
 Query Match 0.6%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 92.9%; Pred. No. 4.9e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 12 CGGCGCGGAGGCG 25  
 ||||| |||||  
 DB 15 CGGCGCGGAGGCG 2

RESULT 1175  
 IS-08-774-310-33  
 Sequence 33, Application US/08774310  
 Patent No. 5877022  
 GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.  
 APPLICANT: McSwiggen, James  
 APPLICANT: Newton, Roger S.  
 APPLICANT: Ramharack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
 TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
 TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

TITLE OF INVENTION:  
 NUMBER OF SEQUENCES: 392  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/774,310  
 FILING DATE: December 23, 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/311,760  
 FILING DATE: September 23, 1994  
 ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 223/229  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 33:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

S-08-774-310-33

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 64.3%; Pred. No. 4.9e+02;  
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Y 127 TACTATTATGGACA 140  
 :|||:::|||||  
 b 2 UACCAUUAUGGACA 15

RESULT 1176  
 S-08-774-310-34  
 Sequence 34, Application US/08774310  
 Patent No. 5877022  
 GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.  
 APPLICANT: McSwiggen, James  
 APPLICANT: Newton, Roger S.  
 APPLICANT: Ramharack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
 TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
 TITLE OF INVENTION:  
 NUMBER OF SEQUENCES: 392  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/774,310  
 FILING DATE: December 23, 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/311,760  
 FILING DATE: September 23, 1994  
 ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 223/229  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 34:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-774-310-34

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 64.3%; Pred. No. 4.9e+02;  
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 127 TACTATTATGGACA 140  
 :|||:::|||||  
 Db 1 UACCAUUAUGGACA 14

RESULT 1177  
 US-08-718-904-70  
 Sequence 70, Application US/08718904  
 Patent No. 6037329  
 GENERAL INFORMATION:

APPLICANT: Baird, J. Andrew  
 APPLICANT: Chandler, Lois Ann  
 APPLICANT: Sosnowski, Barbara A.  
 TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERAPE

NUMBER OF SEQUENCES: 128  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SEED and BERRY LLP  
 STREET: 6300 Columbia Center, 701 Fifth Avenue  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98104-7092

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/718,904

; FILING DATE: 24-SEP-1996  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6037329tenburg Ph.D., Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 760100.415C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..15  
; OTHER INFORMATION: /product= Enterokinase substrate linker  
US-08-718-904-70

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 GACGACGACGACCC 1265  
|||||  
Db 1 GACGACGACGACCC 14

RESULT 1178  
US-09-081-646-130  
; Sequence 130, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 130  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-130

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 374 ATGGCCTGTTTGG 387  
|||||  
Db 2 ATGGCCTGTATGAG 15

RESULT 1179  
US-09-081-646-863  
; Sequence 863, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei

; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 863  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-863

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 374 ATGGCCTGTTTGG 387  
|||||  
Db 2 ATGGCCTGTATGAG 15

RESULT 1180  
US-09-449-249-70  
; Sequence 70, Application US/09449249  
; Patent No. 6503886  
; GENERAL INFORMATION:  
; APPLICANT: Baird, J. Andrew  
; Chandler, Lois Ann  
; Sosnowski, Barbara A.

; TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THEIR  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/449,249  
; FILING DATE: 24-No. 6503886-1999  
; CLASSIFICATION: <unknown>

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/718,904  
; FILING DATE: 24-SEP-1996  
; ATTORNEY/AGENT INFORMATION:

; NAME: No. 6503886tenburg Ph.D., Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 760100.415C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031

; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA  
; FEATURE:

; NAME/KEY: CDS  
; LOCATION: 1..15  
; OTHER INFORMATION: /product= Enterokinase substrate linker  
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:  
US-09-449-249-70

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;
;
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; OTHER INFORMATION: /product= Enterokinase substrate linker
PCT-US95-10973A-46

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 1252 GACGACGACGCC 1265
|||||
1 GACGACGACGCC 14

RESULT 1181
US-07-868-539C-13
Sequence 46, Application US/07868539C
Patent No. 6521601
GENERAL INFORMATION:
APPLICANT: Carman, Mark
TITLE OF INVENTION: METHODS AND COMPOSITION FOR INHIBITION OF VIRAL REPLICATION
FILE REFERENCE: 10624-089-999
CURRENT APPLICATION NUMBER: US/07/868,539C
CURRENT FILING DATE: 1992-04-14
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.0
SEQ ID NO 13
LENGTH: 15
TYPE: DNA
ORGANISM: herpes simplex virus
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(12)
OTHER INFORMATION: n = a or t
US-07-868-539C-13

Query Match
Best Local Similarity 86.7%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2 210 AAAAATGGAATCTA 224
|||||
1 AAAAATGGAANCTA 15

RESULT 1182
PCT-US95-10973A-46
Sequence 46, Application PC/TUS9510973A
GENERAL INFORMATION:
APPLICANT: Prizm Pharmaceuticals, Inc.
TITLE OF INVENTION: CONJUGATES OF VASCULAR ENDOTHELIAL GROWTH FACTOR WITH TARGET
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSER: SEED and BERRY
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10973A
FILING DATE: 29-AUG-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Nottenburg, Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 760100.413PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..16
US-08-442-141-7

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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;
;
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; OTHER INFORMATION: /product= Enterokinase substrate linker
PCT-US95-10973A-46

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 1252 GACGACGACGCC 1265
|||||
1 GACGACGACGCC 14

RESULT 1183
US-08-442-141-7
Sequence 7, Application US/08442141
Patent No. 5747251
GENERAL INFORMATION:
APPLICANT: CARSON, DENNIS A.
APPLICANT: KOHSAKA, HITOSHI
TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS TO
Determine the presence and concentration of a target
TITLE OF INVENTION: NUCLEIC ACID IN A SAMPLE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSER: SPENSLEY HORN JUBAS & LUBITZ
STREET: 1880 CENTURY PARK EAST, FIFTH FLOOR
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: US
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,141
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/354,449
FILING DATE:
APPLICATION NUMBER: US 08/088,077
FILING DATE: 06-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: HOWELLS, STACY L.
REGISTRATION NUMBER: 34,842
REFERENCE/DOCKET NUMBER: PD2901
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..16
US-08-442-141-7

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1546 CCTCAGTTCCTT 1559  
Db 2 CCCACAGTTCCTT 15

## RESULT 1184

US-08-256-568B-22/c  
; Sequence 22, Application US/08256568B  
; Patent No. 5846704  
; GENERAL INFORMATION:  
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;  
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO  
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV  
; TITLE OF INVENTION: ISOLATES  
; NUMBER OF SEQUENCES: 97  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIERMAN & MUSERLIAN  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/256,568B  
; FILING DATE: 18-JUL-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP93/03325  
; FILING DATE: 26-NOV-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP/93/402,129.6  
; FILING DATE: 31-AUG-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP/92/403,222.0  
; FILING DATE: 27-NOV-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CHARLES A. MUSERLIAN  
; REGISTRATION NUMBER: 19,683  
; REFERENCE/DOCKET NUMBER: 410.004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 661-8000  
; TELEFAX: (212) 661-8002  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et  
; INDIVIDUAL ISOLATE: al., 1991)  
; POSITION IN GENOME:  
; CHROMOSOME/SEGMENT: HCV type 2a  
; MAP POSITION: position -165 of 5' end  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..16  
; OTHER INFORMATION: /standard name= "HCV type  
; OTHER INFORMATION: 2a specific probe HcPr156"  
US-08-256-568B-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1705 ACCGATTTCTCCG 1718  
Db 15 ACCGATTTCTCCG 2

## RESULT 1185

US-09-235-246-12/c  
; Sequence 12, Application US/09235246A  
; Patent No. 6048719  
; GENERAL INFORMATION:  
; APPLICANT: Kong, Huimin  
; APPLICANT: Higgins, Lauren S.  
; APPLICANT: Dalton, Michael A.  
; TITLE OF INVENTION: Method For Cloning And Producing The DraIII Restriction  
; TITLE OF INVENTION: Endonuclease  
; FILE REFERENCE: DraIII  
; CURRENT APPLICATION NUMBER: US/09/235,246A  
; CURRENT FILING DATE: 1999-01-22  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 12  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Deinococcus radiophilus  
US-09-235-246-12

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1438 GTCACCGAAGAGGA 1451  
Db 15 GTCACCGAAGAGAA 2

## RESULT 1186

US-09-038-369B-22/c  
; Sequence 22, Application US/09038369B  
; Patent No. 6171784  
; GENERAL INFORMATION:  
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;  
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO  
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV  
; TITLE OF INVENTION: ISOLATES  
; NUMBER OF SEQUENCES: 97  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIERMAN & MUSERLIAN  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,369B  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/256,568  
; FILING DATE: 18-JUL-1994  
; APPLICATION NUMBER: PCT/EP93/03325  
; FILING DATE: 26-NOV-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP/93/402,129.6  
; FILING DATE: 31-AUG-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 410.004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et  
INDIVIDUAL ISOLATE: al., 1991)  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT: HCV type 2a  
MAP POSITION: position -165 of 5' end  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..16  
OTHER INFORMATION: /standard name= "HCV type  
OTHER INFORMATION: 2a specific probe HcPr156"  
US-09-038-369B-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1705 ACCAGTCCTCCCG 1718  
||||| |||||  
Db 15 ACCAGTCCTCCCG 2

RESULT 1197  
US-08-535-249-43/c  
Sequence 43, Application US/08535249  
Patent No. 6455689  
GENERAL INFORMATION:  
APPLICANT: Schlingensiepen, Georg-Ferdinand  
APPLICANT: Brysch, Wolfgang  
APPLICANT: Schlingensiepen, Karl-Hermann  
APPLICANT: Schlingensiepen, Reimar  
APPLICANT: Bogdahn, Ulrich  
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/535,249  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 089.0  
FILING DATE: 30-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 849.7  
FILING DATE: 13-MAY-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-535-249-43  
Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 574 CTGTACATTGACAT 587  
||||| |||||  
Db 16 CTGTACATTGACTT 3  
RESULT 1198  
US-09-378-900A-22/c  
Sequence 22, Application US/09378900A  
Patent No. 6495670  
GENERAL INFORMATION:  
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;  
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWIN, HUGO  
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV  
TITLE OF INVENTION: ISOLATES  
NUMBER OF SEQUENCES: 97  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIERMAN & MUSERLIAN  
STREET: 600 THIRD AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10016  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,900A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/256,568  
FILING DATE: 18-JUL-1994  
APPLICATION NUMBER: PCT/EP93/03325  
FILING DATE: 26-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP/93/402,129.6  
FILING DATE: 31-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP/92/403,222.0  
FILING DATE: 27-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 410.004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:

;  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et  
; al., 1991)  
; POSITION IN GENOME:  
; CHROMOSOME/SEGMENT: HCV type 2a  
; MAP POSITION: position -165 of 5' end  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..16  
; OTHER INFORMATION: /standard name= "HCV type  
; 2a specific probe HcPr156"  
US-09-378-900A-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 ACCGATCTTCCCG 1718  
Db 15 ACCGATCTTCCCG 2

RESULT 1189  
US-09-899-044-22/c  
; Sequence 22, Application US/09899044  
; Patent No. 6548244  
; GENERAL INFORMATION:  
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/899,044  
; FILING DATE: 06-Jul-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/378,900  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: PCT/EP93/03325  
; FILING DATE: 26-NOV-1993  
; APPLICATION NUMBER: EP/93/402,129.6  
; FILING DATE: 31-AUG-1993  
; APPLICATION NUMBER: EP/92/403,222.0  
; FILING DATE: 27-NOV-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CHARLES A. MUSERLIAN  
; REGISTRATION NUMBER: 19,683  
; REFERENCE/DOCKET NUMBER: 410.004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 661-8000  
; TELEFAX: (212) 661-8002  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:

;  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et  
; al., 1991)  
; POSITION IN GENOME:  
; CHROMOSOME/SEGMENT: HCV type 2a  
; MAP POSITION: position -165 of 5' end  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..16  
; OTHER INFORMATION: /standard name= "HCV type  
; 2a specific probe HcPr156"  
US-09-899-044-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 ACCGATCTTCCCG 1718  
Db 15 ACCGATCTTCCCG 2

RESULT 1190  
US-09-371-772B-5804  
; Sequence 5804, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5804  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5804

Query Match 0.6%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 207 CCGAAAAATGGAAA 220  
Db 2 CCGAAAAAUGAAAA 15

RESULT 1191  
US-08-357-399-5/c  
; Sequence 5, Application US/08357399  
; Patent No. 5536821  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; APPLICANT: Tang, Jin-Yan

;;  
;; TITLE OF INVENTION: Site-Specific Functionalization of  
;; TITLE OF INVENTION: Oligodeoxynucleotides for  
;; TITLE OF INVENTION: No. 5536821-Radioactive Labelling  
;; NUMBER OF SEQUENCES: 12  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lappin & Kusmer  
;; STREET: 200 State Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02109  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/357,399  
;; FILING DATE: 16-DEC-1994  
;; CLASSIFICATION: 536  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/206175  
;; FILING DATE: 03-MAR-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kerner, Ann-Louise  
;; REGISTRATION NUMBER: 33,523  
;; REFERENCE/DOCKET NUMBER: HYZ-014CPDV1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-330-1300  
;; TELEFAX: 617-330-1311  
;; INFORMATION FOR SEQ ID NO: 5:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;;  
;; US-08-357-666-5  
;;  
Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
;  
QY 1058 ACTACTTTGAATAC 1071  
||| |||||  
Db 14 ACTCCTTTGAATAC 1  
||| |||||  
;  
RESULT 1193  
US-08-206-175-5/c  
; Sequence 5, Application US/08206175  
; Patent No. 5563253  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir and  
; TITLE OF INVENTION: Site-Specific Functionalization of  
; TITLE OF INVENTION: Oligodeoxynucleotides for  
; TITLE OF INVENTION: No. 5563253-Radioactive Labelling  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/206,175  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523  
; REFERENCE/DOCKET NUMBER: HYZ-014 CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-330-1300  
; TELEFAX: 617-330-1311  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

;;  
;; TITLE OF INVENTION: Site-Specific Functionalization of  
;; TITLE OF INVENTION: Oligodeoxynucleotides for  
;; TITLE OF INVENTION: No. 5536821-Radioactive Labelling  
;; NUMBER OF SEQUENCES: 12  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lappin & Kusmer  
;; STREET: 200 State Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02109  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/357,399  
;; FILING DATE: 16-DEC-1994  
;; CLASSIFICATION: 536  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/206175  
;; FILING DATE: 03-MAR-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kerner, Ann-Louise  
;; REGISTRATION NUMBER: 33,523  
;; REFERENCE/DOCKET NUMBER: HYZ-014CPDV2  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-330-1300  
;; TELEFAX: 617-330-1311  
;; INFORMATION FOR SEQ ID NO: 5:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;;  
;; US-08-357-399-5  
;;  
Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
;  
QY 1058 ACTACTTTGAATAC 1071  
||| |||||  
Db 14 ACTCCTTTGAATAC 1  
||| |||||  
;  
RESULT 1192  
US-08-357-666-5/c  
; Sequence 5, Application US/08357666  
; Patent No. 5541306  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; TITLE OF INVENTION: Site-Specific Functionalization of  
; TITLE OF INVENTION: Oligodeoxynucleotides for  
; TITLE OF INVENTION: No. 5541306-Radioactive Labelling  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25



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; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-206-175-5

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTACTTTGAATAC 1071
DB 14 ACTCTTTGAATAC 1

RESULT 1194
US-08-179-738-23
; Sequence 23, Application US/08179738
; Patent No. 5578462
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/179,738
; FILING DATE: 10-JAN-1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-179-738-23

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GAGTACTGTGAGAA 1145
DB 4 GAGTACATGGAGAA 17

RESULT 1195
US-08-234-613-44
; Sequence 44, Application US/08234613
; Patent No. 5582981
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN

; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/234,613
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,870
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCEY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24610-20030.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-234-613-44

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 957 GGGAGGGCGTGGTT 970
DB 1 GGGATGCGTGGTT 14

RESULT 1196
US-08-390-850-400
; Sequence 400, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-401

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAAAC 1371
Db      |||||:|||||
        1 AAAACUCUCCAAAC 14

RESULT 1198
US-08-373-124A-190/c
; Sequence 190, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 400:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-400

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAAAC 1371
Db      |||||:|||||
        3 AAAACUCUCCAAAC 16

RESULT 1197
US-08-390-850-401
; Sequence 401, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848

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; INFORMATION FOR SEQ ID NO: 190:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-190

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1485 GGTCAAGCAGGAGG 1498  
DB 16 GGTCAAGCAGGAGG 3  
|||||

RESULT 1199

US-08-373-124A-192/c  
; Sequence 192, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 192:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-192

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1490 AGGAGGAGGTCAAG 1503  
DB 14 AGGAGGAGGTCAAG 1  
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RESULT 1200

US-08-323-443B-6  
; Sequence 6, Application US/08323443B  
; Patent No. 5654170  
; GENERAL INFORMATION:

; APPLICANT: KLINGER, KATHERINE W.  
; APPLICANT: LANDES, GREGORY M.  
; APPLICANT: BURN, TIMOTHY C.  
; APPLICANT: CONNORS, TIMOTHY D.  
; APPLICANT: DACKOWSKI, WILLIAM R.  
; APPLICANT: GERMINO, GREGORY  
; APPLICANT: QIAN, FENG  
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Darby & Darby PC  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10022

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/323,443B  
; FILING DATE: 12-OCT-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, S. Peter  
; REGISTRATION NUMBER: 25,351  
; REFERENCE/DOCKET NUMBER: 0372/0A462  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 527-7700  
; TELEFAX: (212) 753-6237  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "PKD1 Reverse Primer 2"

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1266 TGACAAGCGCATCT 1279  
DB 4 TGACAAGCGCATCT 17  
|||||

RESULT 1201

US-08-435-634-400  
; Sequence 400, Application US/08435634  
; Patent No. 5731295  
; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Gustafson, John

schultz167-3.rni

Thu Sep 16 13:16:23 2004

APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850

FILING DATE: February 17, 1995

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 211/084

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 400:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-634-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 6.4e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAC 1371

Db 3 AAAACUCUCCAC 16

RESULT 1202

US-08-435-634-401

Sequence 401, Application US/08435634

Patent No. 5731295

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Gustofson, John

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT

TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850

FILING DATE: February 17, 1995

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 211/084

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 401:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-634-401

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 6.4e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAC 1371

Db 1 AAAACUCUCCAC 14

RESULT 1203

US-08-484-192-116

Sequence 116, Application US/08484192

Patent No. 5756291

GENERAL INFORMATION:

APPLICANT: GRIFFIN, LINDA C.

APPLICANT: ALBRECHT, GLENN

APPLICANT: LATHAM, JOHN

APPLICANT: LEUNG, LAWRENCE

APPLICANT: VERMAAS, ERIC

APPLICANT: TOOLE, JOHN J.

TITLE OF INVENTION: APTAMERS SPECIFIC FOR BIOMOLECULES AND

TITLE OF INVENTION: METHODS OF MAKING

NUMBER OF SEQUENCES: 181

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,192  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/934,387  
FILING DATE: 21-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: GRACEY, NANCY J.  
REGISTRATION NUMBER: 28,216  
REFERENCE/DOCKET NUMBER: 246102002221  
TELEPHONE: 415-813-5600  
TELEFAX: 415-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 116:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-484-192-116

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 957 GGGAGCGGTGTT 970  
Db 1 GGGATGCGGTGTT 14

RESULT 1204  
US-08-435-628-190/c  
; Sequence 190, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035

APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 190:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-190

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1485 GGTCAAGGAGGAGG 1498  
Db 16 GGTCAAGGAGGAGG 3

RESULT 1205  
US-08-435-628-192/c  
; Sequence 192, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 192:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

JS-08-435-628-192

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

XY 1490 AGGAGGAGTCAAG 1503

DB 14 AGGAGGAGTCAAG 1

RESULT 1206

US-08-541-950B-17/c  
; Sequence 17, Application US/08541950B  
; Patent No. 5821046

GENERAL INFORMATION:

APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/541,950B  
FILING DATE: 10/10/95  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/960,370

FILING DATE: 03/19/93

ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen M.  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 345-9100  
TELEFAX: (617) 345-9111

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: synthetic RNA

FEATURE:

NAME/KEY: misc\_feature  
LOCATION: 8  
OTHER INFORMATION: N is 2'-deoxythymidine  
US-08-541-950B-17

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200

DB 17 GCTGCTCAACTCTGG 3

RESULT 1207

US-08-541-950B-20/c

; Sequence 20, Application US/08541950B  
; Patent No. 5821046

GENERAL INFORMATION:

APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/541,950B  
FILING DATE: 10/10/95  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/960,370

FILING DATE: 03/19/93

ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen M.  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 345-9100  
TELEFAX: (617) 345-9111

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: synthetic RNA

FEATURE:

NAME/KEY: misc\_feature  
LOCATION: 8  
OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine  
US-08-541-950B-20

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200

DB 17 GCTGCTCAACTCTGG 3

RESULT 1208

US-08-292-620A-1905

; Sequence 1905, Application US/08292620A  
; Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1905:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1905

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two

```

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.4e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

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QY 385 GAGTTCGTGTCAGTT 398
Db 4 GAGUUCUGACAGUU 17

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RESULT 1209
US-08-292-620A-1940
; Sequence 1940, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggan
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1940:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1940

```

two

```

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.4e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

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QY 385 GAGTTCGTGTCAGTT 398
Db 4 GAGUUCUGACAGUU 17

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RESULT 1210
US-08-237-973-57
; Sequence 57, Application US/08237973
; Patent No. 5840867
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN
; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
; TITLE OF INVENTION: BIOMOLECULES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,921
; FILING DATE: 06-NOV-1991

```

ATTORNEY/AGENT INFORMATION:  
NAME: GRACEY, NANCY J.  
REGISTRATION NUMBER: 28,216  
REFERENCE/DOCKET NUMBER: 24610-20032.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-237-973-57

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

XY 957 GGGAGCGGTGGTT 970  
|||||  
DB 1 GGGATCGGTGGTT 14

RESULT 1211  
US-08-628-145-23  
; Sequence 23, Application US/08628145  
; Patent No. 5872214  
; GENERAL INFORMATION:  
; APPLICANT: Seizinger, Bernd R.  
; APPLICANT: Kley, Nikolai A.  
; APPLICANT: Bianchi, Albert B.  
; TITLE OF INVENTION: No. 5872214e1 NF2 Isoforms  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: U.S.A  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/628,145  
; FILING DATE: 04-APR-1996  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/179,738  
; FILING DATE: 10-JAN-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5998-0017  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-628-145-23

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GAGTACCTGGAGAA 1145  
|||||  
DB 4 GAGTACATGGAGAA 17  
RESULT 1212  
US-08-856-141-13  
; Sequence 13, Application US/08856141  
; Patent No. 5948616  
; GENERAL INFORMATION:  
; APPLICANT: CHAO, JULIE  
; APPLICANT: CHAO, LEE  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF  
; TITLE OF INVENTION: CORRELATING TISSUE KALLIKEIN GENE PROMOTER POLYMORPHISMS WITH  
; TITLE OF INVENTION: ESSENTIAL HYPERTENSION  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
; STREET: Suite 1200, 127 Peachtree Street, NE  
; CITY: Atlanta  
; STATE: GA  
; COUNTRY: USA  
; ZIP: 30303  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/856,141  
; FILING DATE: 14-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Miller, Mary L  
; REGISTRATION NUMBER: 39,303  
; REFERENCE/DOCKET NUMBER: 19070.0045  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 404/688-0770  
; TELEFAX: 404/688-9880  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-856-141-13

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 681 AGGAACGGGACC 694  
|||||  
DB 4 AGGAACGGGGAAC 17

RESULT 1213  
US-08-985-162-36/c  
; Sequence 36, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;



```

; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-36

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 15 TTATTGAACATCT 2

RESULT 1214
US-08-985-162-37/c
; Sequence 37, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```

```

; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-37

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 14 TTATTGAACATCT 1

RESULT 1215
US-08-658-136-8
; Sequence 8, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GENA-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

```

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Thu Sep 16 13:16:23 2004

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IS-08-658-136-8

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1266 TGACAAGCGCATCT 1279  
|||||  
Db 4 TGACAAGCACATCT 17

RESULT 1216  
US-08-658-136-57/c  
; Sequence 57, Application US/08658136  
; Patent No. 6071717

GENERAL INFORMATION:  
APPLICANT: KLINGER, KATHERINE W  
APPLICANT: LANDES, GREGORY M  
APPLICANT: BURN, TIMOTHY C  
APPLICANT: CONNORS, TIMOTHY D  
APPLICANT: DACKOWSKI, WILLIAM  
APPLICANT: GERMINO, GREGORY  
APPLICANT: QIAN, FENG  
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSER: GENZYME CORPORATION  
STREET: ONE MOUNTAIN ROAD  
CITY: FRAMINGHAM  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 01701

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/658,136  
FILING DATE:  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: LASSEN, ELIZABETH  
REGISTRATION NUMBER: 31,845  
REFERENCE/DOCKET NUMBER: GEN4-17.8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 508-872-8400  
TELEFAX: 508-872-5415  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-658-136-57

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1266 TGACAAGCGCATCT 1279  
|||||  
Db 14 TGACAAGCACATCT 1

RESULT 1217  
US-09-083-756A-17/c  
; Sequence 17, Application US/09083756A

Patent No. 6114109  
GENERAL INFORMATION:  
APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/083,756A  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/541,950  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen M.  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 345-9100  
TELEFAX: (617) 345-9111  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: synthetic RNA  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 8  
OTHER INFORMATION: N is 2'-deoxythymidine  
US-09-083-756A-17

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200  
|||||  
Db 17 GCTGCTCAANTCTGG 3

RESULT 1218  
US-09-083-756A-20/c  
; Sequence 20, Application US/09083756A  
; Patent No. 6114109  
GENERAL INFORMATION:  
APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/083,756A  
FILING DATE:

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/541,950  
;; FILING DATE: August 17, 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Ph.D., Kathleen M.  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (617) 345-9100  
;; TELEFAX: (617) 345-9111  
;; INFORMATION FOR SEQ ID NO: 20:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: synthetic RNA  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; LOCATION: 8  
;; OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine  
US-09-083-756A-20

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 186 GCTGCTCAACTATGG 200  
Db 17 GCTGCTCAANTCTGG 3

RESULT 1219  
US-09-071-845-1905  
; Sequence 1905, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Williams, Ph.D., Kathleen M.  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 345-9100  
; TELEFAX: (617) 345-9111

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/149  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 1905:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-071-845-1905

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 57.1%; Pred. No. 6.4e+02;  
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;  
Qy 385 GAGTCTCTCAGTT 398  
Db 4 GAGUUCUGACAGU 17

RESULT 1220  
US-09-071-845-1940  
; Sequence 1940, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1940:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1940

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 57.1%; Pred. No. 6.4e+02;  
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 385 GAGTCTCTCAGTT 398  
DB 4 GAGUUCGACAGUU 17

RESULT 1221  
US-08-584-040-1461/c  
; Sequence 1461, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1461:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-1461

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GAGTCTCTCAGTT 398  
DB 4 GAGUUCGACAGUU 17

RESULT 1221  
US-08-584-040-1461/c  
; Sequence 1461, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela

QY 741 CCCGCTCGAGCG 754  
DB 17 CCGCTCGAGCG 4

RESULT 1222  
US-08-584-040-3886/c  
; Sequence 3886, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 3886:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-3886

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956  
DB 17 CTTATGCTGATGCT 4

RESULT 1223  
US-08-584-040-3923  
; Sequence 3923, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela



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Thu Sep 16 13:16:23 2004

APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5366:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5366

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 6.4e+02;  
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576  
DB 2 CAACCCUUCAGAUU 15

RESULT 1226  
US-08-584-040-5367  
Sequence 5367, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5367:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5367

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 6.4e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576  
DB 1 CAACCCUUCAGAUU 14

RESULT 1227  
US-08-584-040-7624/c  
Sequence 7624, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7624:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7624

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 286 TTCTGCGTCCAT 299  
Db 14 TTCTGAGTCCAT 1

## RESULT 1228

US-08-679-645-65/c  
; Sequence 65, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 65:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-679-645-65

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 TTCCCCAACCCCTC 1571  
Db 16 TTCCCCAACCCCTC 3

## RESULT 1229

US-08-679-645-67/c  
; Sequence 67, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 67:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-679-645-67

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 TTCCCCAACCCCTC 1571  
Db 15 TTCCCCAACCCCTC 2

## RESULT 1230

US-09-504-358-38/c  
; Sequence 38, Application US/09504358  
; Patent No. 6365376  
; GENERAL INFORMATION:  
; APPLICANT: Rouviere, Pierre E.  
; APPLICANT: Brzostowicz, Patricia C.

;; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
;; FILE REFERENCE: BC1001 US NA  
;; CURRENT APPLICATION NUMBER: US/09/504,358  
;; CURRENT FILING DATE: 2000-02-15  
;; EARLIER APPLICATION NUMBER: 60/120,702  
;; EARLIER FILING DATE: 1999-February-19  
;; NUMBER OF SEQ ID NOS: 49  
;; SOFTWARE: Microsoft Office 97  
;; SEQ ID NO 38  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; FEATURE: Description of Artificial Sequence: primer  
;; NAME/KEY: unsure  
;; LOCATION: (14)...(17)  
;; OTHER INFORMATION: v stands for any combination of A, C, or G at the last 4 position  
;; OTHER INFORMATION: at the 3' end  
JS-09-504-358-38

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 6.4e+02;  
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1277 TCTCGATCTGCTCC 1290  
Db 15 BBTGATCTGCTCC 2

RESULT 1231  
JS-09-495-140-13  
; Sequence 13, Application US/09495140  
; Patent No. 6376182  
; GENERAL INFORMATION:  
; APPLICANT: CHAO, LEE  
; APPLICANT: CHAO, JULIE  
; APPLICANT: SONG, QING  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING  
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT  
; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION  
; FILE REFERENCE: 19113.0081  
; CURRENT APPLICATION NUMBER: US/09/495,140  
; CURRENT FILING DATE: 2000-01-31  
; EARLIER APPLICATION NUMBER: 09/389,566  
; EARLIER FILING DATE: 1999-09-03  
; EARLIER APPLICATION NUMBER: 08/856,141  
; EARLIER FILING DATE: 1997-05-14  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 13  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: /No. 6376182e =  
; OTHER INFORMATION: synthetic construct  
US-09-495-140-13

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 681 AGGAAGTGGGACC 694  
Db 4 AGGAAGTGGGACC 17

RESULT 1232  
US-09-554-314-38/c  
; Sequence 38, Application US/09954314  
; Patent No. 6465224  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

;; APPLICANT: Rouviere, Pierre E.  
;; APPLICANT: Brzostowicz, Patricia C.  
;; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
;; FILE REFERENCE: BC1001 US NA  
;; CURRENT APPLICATION NUMBER: US/09/954,314  
;; CURRENT FILING DATE: 2001-09-17  
;; PRIOR APPLICATION NUMBER: 60/120,702  
;; PRIOR FILING DATE: 1999-February-19  
;; NUMBER OF SEQ ID NOS: 49  
;; SOFTWARE: Microsoft Office 97  
;; SEQ ID NO 38  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: primer  
;; NAME/KEY: unsure  
;; LOCATION: (14)...(17)  
;; OTHER INFORMATION: v stands for any combination of A, C, or G at the last 4 position  
;; OTHER INFORMATION: at the 3' end  
US-09-954-314-38

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 6.4e+02;  
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1277 TCTCGATCTGCTCC 1290  
Db 15 BBTGATCTGCTCC 2

RESULT 1233  
US-09-371-772B-6/c  
; Sequence 6, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 741 CCCGCTCCGAGACG 754  
Db 17 CCCGCTCCGAGACG 4

RESULT 1234  
US-09-371-772B-1653/c  
; Sequence 1653, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.



```

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/199)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1653

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 943 CCTATGCTGATGCT 956
Db 17 CTTATGCTGATGCT 4

```

## RESULT 1235

```

US-09-371-772B-1690
; Sequence 1690, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/199)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1690

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2071 GTAATAAATGGTA 2084
Db 4 GAAAUAAAUGGUA 17

```

## RESULT 1236

```

US-09-371-772B-1950/c
; Sequence 1950, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam

```

```

; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/199)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1950
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1950

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1673 GCTGGTGAGCTCT 1686
Db 16 GCTGGTGAGCTCT 3

```

## RESULT 1237

```

US-09-371-772B-2268
; Sequence 2268, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/199)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2268
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2268

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1563 CAACCCCTCAGATT 1576
Db 2 CAACCCUUCAGAUU 15

```

## RESULT 1238

```

US-09-371-772B-2269
; Sequence 2269, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim

```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2269
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-2269

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576
|||||:||||:
Db 1 CAACCCUUCAGAUU 14

RESULT 1239
US-09-371-772B-3416/c
; Sequence 3416, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3416

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 286 TTCTTGCGCTCCAT 299
|||||:|||||
Db 14 TTCTTGAGCTCCAT 1

RESULT 1240
US-09-371-772B-6260/c
; Sequence 6260, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6260
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6260

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 GCTGGGTGAGCTCT 1686
|||||:|||||
Db 17 GCTGGGTGAGCTCT 4

RESULT 1242
US-09-371-772B-6747/c
; Sequence 6747, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6698

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956
|||||:|||||
Db 16 CTTATGCTGATGCT 3

RESULT 1241
US-09-371-772B-6698/c
; Sequence 6698, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6698

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956
|||||:|||||
Db 16 CTTATGCTGATGCT 3
```

```
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6747
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6747

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 48 ACGGAGGCGGAGCA 61
Db 15 AAGGAGGCGGAGCA 2

RESULT 1243
US-09-371-772B-6748/c
; Sequence 6748, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6748
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6748

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 48 ACGGAGGCGGAGCA 61
Db 14 AAGGAGGCGGAGCA 1

RESULT 1244
US-09-371-772B-6863/c
; Sequence 6863, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6863

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1923 TTGGTTCGTGTTTC 1936
Db 16 TTGGTTCGTGTTTC 3

RESULT 1245
US-09-068-506-68
; Sequence 68, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; FILE REFERENCE: TWITCHING
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-68

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1562 CCAACCCCTCAGAT 1575
Db 2 CCAGCCCTCAGAT 15

RESULT 1246
US-09-401-063-36/c
; Sequence 36, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
```

```
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401.063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-37
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 15 TTATTGAACATCT 2

RESULT 1247
US-09-401-063-37/c
Sequence 37, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/401.063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-36
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 15 TTATTGAACATCT 2

RESULT 1248
US-09-827-998-319
Sequence 319, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL
FILE REFERENCE: MDAMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 319
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-319
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1405 GAAAGAGAGAGAAGA 1418
Db 2 GAAGAAGAGAAGA 15

RESULT 1249
US-09-827-998-320
Sequence 320, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
```

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; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 320
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-320

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1405 GAAAAAGAGAAAGA 1418
Db 1 GAAGAAGAGAAAGA 14

RESULT 1250
US-09-866-108A-969/c
; Sequence 969, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 974
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-974

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 465 TTGGGCTGGGGCC 478
Db 14 TTGGGCTGGGGCC 14

RESULT 1252
US-09-866-108A-1460/c
; Sequence 1460, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 969
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-969

Query Match          0.6%; Score 12.4; DB 1; Length 17;
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Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 467 GGGCTGGGGCTG 480
Db 17 GGGCTGGGGCTG 4

RESULT 1251
US-09-866-108A-974/c
; Sequence 974, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 974
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-974

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 465 TTGGGCTGGGGCC 478
Db 14 TTGGGCTGGGGCC 14

RESULT 1252
US-09-866-108A-1460/c
; Sequence 1460, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1460  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1460

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 675 CTTCGAGGAGCTG 688  
17 CTTCGAGGAGCTG 4

RESULT 1253  
US-09-866-108A-1461/c  
Sequence 1461, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1460  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1460

PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1461  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1461

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 675 CTTCGAGGAGCTG 688  
DB 16 CTTCGAGGAGCTG 3

RESULT 1254  
US-09-866-108A-1462/c  
Sequence 1462, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1462  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1462

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Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 675 CTTCAGGAGCTG 688
Db 15 CTTCAGGAGCTG 2

RESULT 1255
US-09-866-108A-1463/c
; Sequence 1463, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1463
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1463

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1971 CACTGCCTGCCCTC 1984
Db 17 CACTGCCTGCCATC 4

RESULT 1257
US-09-866-108A-2212/c
; Sequence 2212, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1463
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1463

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 675 CTTCAGGAGCTG 688
Db 14 CTTCAGGAGCTG 1

RESULT 1256
US-09-866-108A-2208/c
; Sequence 2208, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

```

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; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2208
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2208

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1971 CACTGCCTGCCCTC 1984
Db 17 CACTGCCTGCCATC 4

RESULT 1257
US-09-866-108A-2212/c
; Sequence 2212, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

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PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2212  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-2212

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1970 ACAGTGCCTGCCT 1983  
|||||  
DB 14 ACAGTGCCTGCCT 1

RESULT 1258  
US-09-866-108A-2735  
Sequence 2735, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2735  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-2735

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CAGCTGTGGCCCTG 1023  
|||||  
DB 4 CAGCTGTGGCCCTG 17

RESULT 1259  
US-09-866-108A-2739  
Sequence 2739, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2739  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-2739

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1011 AGCTGTGGCCCTGG 1024  
|||||  
DB 1 AGCTGTGGCCCTGG 14

RESULT 1260  
US-09-866-108A-6565  
Sequence 6565, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.



```
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6565
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6565

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1014 TGTGGCCCTGGATA 1027
Db 1 TCTGGCCCTGGATA 14

RESULT 1261
US-09-866-108A-7087
; Sequence 7087, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8401
```

```
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7087
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7087

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1458 CAAGGAGGAGGAGC 1471
Db 1 CAAGGAGGAGGAGC 14

RESULT 1262
US-09-866-108A-8401
; Sequence 8401, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8401
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S-09-866-108A-8401

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 907 GCCAAGTGTGTGGA 920  
|||||  
b 2 GCCAAGTGTGAGGA 15

RESULT 1263  
US-09-866-108A-8402  
Sequence 8402, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8415  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8415

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGCGTCTCAAGG 1874  
|||  
Db 17 CTGGCGTCTCAAGG 4

RESULT 1265  
US-09-866-108A-8416/c  
Sequence 8416, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667

S-09-866-108A-8401

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 907 GCCAAGTGTGTGGA 920  
|||||  
b 2 GCCAAGTGTGAGGA 15

RESULT 1263  
US-09-866-108A-8402  
Sequence 8402, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8402  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8402

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 GCCAAGTGTGTGGA 920  
|||||  
Db 1 GCCAAGTGTGAGGA 14

RESULT 1264  
US-09-866-108A-8415/c  
Sequence 8415, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8416
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8416

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 16 CTGGGTCTTCAAGG 3

RESULT 1266
US-09-866-108A-8417/c
; Sequence 8417, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8417
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8416
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; ORGANISM: Homo sapiens
; US-09-866-108A-8417

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 15 CTGGGTCTTCAAGG 2

RESULT 1267
US-09-866-108A-8418/c
; Sequence 8418, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8418
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8418

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 14 CTGGGTCTTCAAGG 1

RESULT 1268
US-09-866-108A-8671
; Sequence 8671, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8671
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8671

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1458 CAAGGAGGAGAAGC 1471
Db 1 CAAGGAGGAGAAGC 14

RESULT 1269
US-09-866-108A-8949/c
; Sequence 8949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8949/c

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCCAGG 1692
Db 15 TCAGCTCTTCCAGG 2

RESULT 1270
US-09-866-108A-8950/c
; Sequence 8950, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8949
```



ATTORNEY/AGENT INFORMATION:  
NAME: Keiner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-025PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US95-11477-7

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 6.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTCTTTCAATAC 1071  
Db 14 ACTCTTTGATAC 1

RESULT 1274  
US-07-766-351-17/c  
; Sequence 17, Application US/07766351  
; Patent No. 5292652  
; GENERAL INFORMATION:  
; APPLICANT: Sinha, Sukanto  
; APPLICANT: Seubert, Peter A.  
; APPLICANT: Dovey, Harry F.  
; APPLICANT: McConlogue, Lisa C.  
; APPLICANT: Little, Sheila P.  
; APPLICANT: Johnstone, Edward M.  
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Athena Neurosciences, Inc.  
; STREET: 800F Gateway Blvd.  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/766,351  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Murphy, Lisabeth Feix  
; REGISTRATION NUMBER: 31547  
; REFERENCE/DOCKET NUMBER: 17796-002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 877-0900  
; TELEFAX: (415) 877-8370  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-07-766-351-17

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 ACCCGAGGAAAGT 95  
Db 14 ACCAGGAGAAAGT 1

RESULT 1275  
US-08-059-032-17/c  
; Sequence 17, Application US/08059032  
; Patent No. 542405  
; GENERAL INFORMATION:  
; APPLICANT: Sinha, Sukanto  
; APPLICANT: Seubert, Peter A.  
; APPLICANT: Dovey, Harry F.  
; APPLICANT: McConlogue, Lisa C.  
; APPLICANT: Little, Sheila P.  
; APPLICANT: Johnstone, Edward M.  
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Kourie and Crew  
; STREET: One Market Plaza, Steuart Street Tower,  
; STREET: Suite 2000  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/059,032  
; FILING DATE: 19930507  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Smith, William E.  
; REGISTRATION NUMBER: 30,223  
; REFERENCE/DOCKET NUMBER: 15270-10  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-059-032-17

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 ACCCGAGGAAAGT 95  
Db 14 ACCAGGAGAAAGT 1

RESULT 1276  
US-08-170-095B-34/c  
; Sequence 34, Application US/08170095B  
; Patent No. 5563254  
; GENERAL INFORMATION:  
; APPLICANT: Hoffman, Stephen J.

```
; APPLICANT: Nagai, Kiyoshi
; TITLE OF INVENTION: Blood Substitutes
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Somatogen, Inc.
; STREET: 2545 Central Avenue
; CITY: Boulder
; STATE: Colorado
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0.1
; SOFTWARE: Microsoft Word 5.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/170,095B
; FILING DATE: December 20, 1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5663254ak, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-541-3322
; TELEFAX: 303-444-3013
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown to applicant
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer
; HYPOTHETICAL: no
US-08-170-095B-34

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 506 CTGGCTTCTGTTC 519
Db 17 CTGGCTTCTGTTC 4

RESULT 1277
US-08-248-474-114
; Sequence 114, Application US/08248474
; Patent No. 5612471
; GENERAL INFORMATION:
; APPLICANT: McK. Bird, David
; APPLICANT: WILSON, Mark A.
; TITLE OF INVENTION: NEMATODE-INDUCE GENES IN TOMATO
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/248,474
; FILING DATE: 25-MAY-1994
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
```

```
; REFERENCE/DOCKET NUMBER: 2307E-535
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "P46"
US-08-248-474-114

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1497 GGTCAAGTTGGCCT 1510
Db 1 GGTCAAGTTGGCCT 14

RESULT 1278
US-08-396-866-34/c
; Sequence 34, Application US/08396866
; Patent No. 5661124
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen J.
; APPLICANT: Nagai, Kiyoshi
; TITLE OF INVENTION: Blood Substitutes
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Somatogen, Inc.
; STREET: 5797 Central Avenue
; CITY: Boulder
; STATE: Colorado
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0.1
; SOFTWARE: Microsoft Word 5.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/396,866
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/062,780
; FILING DATE: May 17, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5661124ak, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: Hoffman
; REFERENCE/DOCKET NUMBER: 2A/CONT1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-541-3322
; TELEFAX: 303-444-3013
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown to applicant
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer
; HYPOTHETICAL: no
US-08-396-866-34

Query Match 0.6%; Score 12.4; DB 1; Length 18;
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Thu Sep 16 13:16:23 2004

Best Local Similarity 92.9%; Pred. No. 7.3e+02; Indels 0; Gaps 0; Mismatches 1;

506 CTGGCTCTGTAC 519  
17 CTGGCTCTGTTC 4

RESULT 1279  
US-07-915-966C-6  
; Sequence 6, Application US/07915966C  
; Patent No. 5668006  
; GENERAL INFORMATION:  
; APPLICANT: Hadcock Dr., John R.  
; APPLICANT: Ozenberger Dr., Bradley A.  
; APPLICANT: Pausch Dr., Mark H.  
; TITLE OF INVENTION: Receptor Identification Method  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: American Home Products Corporation  
; STREET: One Campus Drive  
; CITY: Parsippany  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07054

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/915,966C  
FILING DATE: 17-JUL-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Matthews, Gale M.  
REGISTRATION NUMBER: 32,269  
REFERENCE/DOCKET NUMBER: 31,829-00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-683-2134  
TELEFAX: 201-683-4117

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Synthetic  
PUBLICATION INFORMATION:  
AUTHORS: Hadcock Dr., John R.  
AUTHORS: Dr. Ozenberger, Bradley A.  
AUTHORS: Dr. Pausch, Mark H.  
TITLE: Receptor Identification Method  
DATE: 17-JUL-1992

US-07-915-966C-6  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 CCAAATGCAGCGA 1213  
DB 2 CCAAATGCAGCGA 15

RESULT 1280  
US-08-424-663-6  
; Sequence 6, Application US/08424663  
; Patent No. 5750341

GENERAL INFORMATION:  
APPLICANT: MACEVICZ, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bl  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Stephen C. Macevicz  
STREET: 21890 Rucker Drive  
CITY: Cupertino  
STATE: California  
COUNTRY: USA  
ZIP: 95014

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft Word for Windows, vers. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,663  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevicz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: peol  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 638-5552  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-424-663-6

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1339 GAGGAGAGGGGG 1352  
DB 1 GAGGAGAGGGAG 14

RESULT 1281  
US-08-541-950B-23/c  
; Sequence 23, Application US/08541950B  
; Patent No. 5821046  
; GENERAL INFORMATION:  
; APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C  
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: One Financial Center, 45th Floor  
; CITY: Boston  
; STATE: MA  
; ZIP: 02111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/541,950B  
FILING DATE: 10/10/95  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/960,370  
FILING DATE: 03/19/93  
ATTORNEY/AGENT INFORMATION:



```

; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-23

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCACTATGG 200
Db 17 GCTGCTCAANTCTG 3

RESULT 1282
US-08-415-788-35
; Sequence 35, Application US/08415788
; Patent No. 5834591
; GENERAL INFORMATION:
; APPLICANT: NORMARK, STAFFAN
; APPLICANT: JONSSON, ANN-BETH
; TITLE OF INVENTION: FOR THE DIAGNOSIS AND POLYNUCLEOTIDES USEFUL
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/415,788
; FILING DATE:
; CLASSIFICATION: 435
; PRIORITY INFORMATION:
; APPLICATION NUMBER: US 07/829,465
; FILING DATE: 31-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: SCHWENNING, LYNNE E.
; REGISTRATION NUMBER: 37,233
; REFERENCE/DOCKET NUMBER: 29500-20046.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-415-788-35
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Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 66 GCGCAGACGCGAGG 79
Db 1 GCGCAGGCGCGAGG 14

RESULT 1283
US-08-771-182-6
; Sequence 6, Application US/08771182
; Patent No. 5929209
; GENERAL INFORMATION:
; APPLICANT: Haddock Dr., John R.
; APPLICANT: Ozenberger Dr., Bradley A.
; APPLICANT: Pausch Dr., Mark H.
; TITLE OF INVENTION: Receptor Identification Method
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Home Products Corporation
; STREET: One Campus Drive
; CITY: Parsippany
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,182
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthews, Gale F.
; REGISTRATION NUMBER: 32,269
; REFERENCE/DOCKET NUMBER: 31,829-D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-683-2134
; TELEFAX: 201-683-4117
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Synthetic
; PUBLICATION INFORMATION:
; AUTHORS: Haddock Dr., John R.
; AUTHORS: Dr. Ozenberger, Bradley A.
; AUTHORS: Dr. Pausch, Mark H.
; TITLE: Receptor Identification Method
; DATE: 20-DEC-1996
US-08-771-182-6

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 CCAATGCGAGCGGA 1213
Db 2 CCAATGAGGCGGA 15

RESULT 1284
US-08-928-692-38
; Sequence 38, Application US/08928692
```

Patent No. 5958727  
GENERAL INFORMATION:  
APPLICANT: Brody, Howard  
APPLICANT: Yaver, Deborah S.  
APPLICANT: Iamsa, Michael  
APPLICANT: Hansen, Kim  
TITLE OF INVENTION: Methods for Modifying the Production of  
TITLE OF INVENTION: a Polypeptide  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5958727o No. 5958727disk of No. 5958727th America, Inc.  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10174

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/928,692  
FILING DATE: 12-SEPT-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4944.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 38:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-928-692-38

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1411 GAGAAAGACCCAGA 1424  
|||||  
Db 2 GAGAAAGACCCAGA 15

RESULT 1285  
US-09-205-144-36/c  
Sequence 36, Application US/09205144  
Patent No. 5958771  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRES  
FILE REFERENCE: RTS-0021  
CURRENT APPLICATION NUMBER: US/09/205,144  
CURRENT FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 36  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-144-36

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGA 1346  
|||||  
Db 16 GAAGAGGAGGAGA 3  
RESULT 1286  
US-09-197-378-28  
Sequence 28, Application US/09197378  
Patent No. 5959097  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION  
FILE REFERENCE: RTS-0017  
CURRENT APPLICATION NUMBER: US/09/197,378  
CURRENT FILING DATE: 1998-11-20  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 28  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-197-378-28

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 110 ACGGGGATGTGGA 123  
|||||  
Db 5 ACGAGGATGTGGA 18

RESULT 1287  
US-09-197-378-39  
Sequence 39, Application US/09197378  
Patent No. 5959097  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION  
FILE REFERENCE: RTS-0017  
CURRENT APPLICATION NUMBER: US/09/197,378  
CURRENT FILING DATE: 1998-11-20  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 39  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-197-378-39

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2056 TTGTGAGCCTCTT 2069  
|||||  
Db 4 TTGTGAGCCTCTT 17

RESULT 1288  
US-09-156-425-32  
Sequence 32, Application US/09156425B  
Patent No. 5962671  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF FAN EXPRESSION  
FILE REFERENCE: RTS-0009

; CURRENT APPLICATION NUMBER: US/09/156,425B  
 ; CURRENT FILING DATE: 1998-09-18  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 32  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-156-425-32

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1837 TATTGAACATCTA 1850  
 Db 1 TGTGAACATCTA 14

RESULT 1289  
 US-08-872-446-6  
 ; Sequence 6, Application US/08872446  
 ; Patent No. 5969119  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Macevitz, Stephen C.  
 ; TITLE OF INVENTION: DNA Sequencing by Parallel  
 ; TITLE OF INVENTION: Oligonucleotide Extensions  
 ; NUMBER OF SEQUENCES: 13  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: 350 Cambridge Avenue, Suite 250  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/872.446  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/424,663  
 ; FILING DATE: 17-APR-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Powers, Vincent M.  
 ; REGISTRATION NUMBER: 36,246  
 ; REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
 ; TELEPHONE: (650) 324-0880  
 ; TELEFAX: (650) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 6:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 US-08-872-446-6

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1339 GAGGAGAGGGGG 1352  
 Db 1 GAGGAGAGGGGG 14

RESULT 1290

US-08-872-446-10/c  
 ; Sequence 10, Application US/08872446  
 ; Patent No. 5969119  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Macevitz, Stephen C.  
 ; TITLE OF INVENTION: DNA Sequencing by Parallel  
 ; TITLE OF INVENTION: Oligonucleotide Extensions  
 ; NUMBER OF SEQUENCES: 13  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: 350 Cambridge Avenue, Suite 250  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/872.446  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/424,663  
 ; FILING DATE: 17-APR-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Powers, Vincent M.  
 ; REGISTRATION NUMBER: 36,246  
 ; REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
 ; TELEPHONE: (650) 324-0880  
 ; TELEFAX: (650) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 US-08-872-446-10

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1339 GAGGAGAGGGGG 1352  
 Db 18 GAGGAGAGGGGG 5

RESULT 1291  
 US-09-138-024-14  
 ; Sequence 14, Application US/09138024A  
 ; Patent No. 6004779  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bradley, John D.  
 ; APPLICANT: Thompson, Craig M.  
 ; APPLICANT: Moore, Jeffrey B.  
 ; APPLICANT: Wobbe, C. Richard  
 ; APPLICANT: Healy, Judith M.  
 ; APPLICANT: Donnelly, Caroline E.  
 ; TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST  
 ; FILE REFERENCE: 0342/1D469US1  
 ; CURRENT APPLICATION NUMBER: US/09/138,024A  
 ; CURRENT FILING DATE: 1998-08-21  
 ; EARLIER APPLICATION NUMBER: 60/056,719  
 ; EARLIER FILING DATE: 1997-08-22  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 14  
 ; LENGTH: 18  
 ; TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: HISGCH PCR primer  
JS-09-138-024-14

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TATGGTCTCTACCG 209  
|||||  
DB 3 TTGGTCTCTACCG 16

RESULT 1292  
JS-08-445-463B-26/c  
; Sequence 26, Application US/08445463B  
; Patent No. 6033890  
; GENERAL INFORMATION:  
; APPLICANT: Jakobovits, Edward B.  
; APPLICANT: Silen, Joy L.  
; APPLICANT: Levy, Mark J.  
; APPLICANT: Goodman, Thomas C.  
; APPLICANT: Becker, Martin  
; APPLICANT: Ullman, Edwin F.  
; APPLICANT: Caldwell, Robert M.  
; APPLICANT: Bott, Richard R.  
; APPLICANT: Barnett, Christopher C.  
; TITLE OF INVENTION: Homogenous Immunoassays Using Mutant  
; TITLE OF INVENTION: Glucose-6-Phosphate Dehydrogenases  
; NUMBER OF SEQUENCES: 124  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dade Behring Inc.  
; STREET: 1717 Deerfield Road  
; CITY: Deerfield  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60015  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/445,463B  
; FILING DATE: 22-MAY-1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/044,857  
; FILING DATE: 08-APR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ruzsala, Lois K.  
; REGISTRATION NUMBER: 39,074  
; REFERENCE/DOCKET NUMBER: BEH-7261 DIV 2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (847) 267-5364  
; TELEFAX: (847) 267-5376  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-445-463B-26

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 GCTTCTGTTACGTC 522

DB 14 GCACTGTTACGTC 1  
|||||

RESULT 1293  
US-09-339-993-34  
; Sequence 34, Application US/09339993A  
; Patent No. 6040179  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION  
; FILE REFERENCE: RTS-0064  
; CURRENT APPLICATION NUMBER: US/09/339,993A  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 34  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-993-34

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1445 AAGAGGAGAGAAACC 1458  
|||||  
DB 4 AAGAGGAGAGAAAGC 17

RESULT 1294  
US-09-289-377-10/c  
; Sequence 10, Application US/09289377  
; Patent No. 6046321  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I1 EXPRESSION  
; FILE REFERENCE: RTS-0058  
; CURRENT APPLICATION NUMBER: US/09/289,377  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 10  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-377-10

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1328 ATTCTGAGAGGAG 1341  
|||||  
DB 14 ATTCTGAGAGGAG 1

RESULT 1295  
US-09-199-859-40/c  
; Sequence 40, Application US/09199859  
; Patent No. 6069008  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION  
; FILE REFERENCE: RTS-0025  
; CURRENT APPLICATION NUMBER: US/09/199,859  
; CURRENT FILING DATE: 1998-11-25  
; NUMBER OF SEQ ID NOS: 47

US-08-853-194-6

```
Sequence 175, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 175
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-175

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      851 CAGACTCCCTATCT 864
Db      2 CAGACACCTATCT 15

RESULT 1300
US-09-166-186-176
Sequence 176, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 176
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-176

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      851 CAGACTCCCTATCT 864
Db      1 CAGACACCTATCT 14

RESULT 1301
US-08-445-464C-26/c
Sequence 26, Application US/08445464C
Patent No. 6090567
GENERAL INFORMATION:
APPLICANT: Jakobovits, Edward B.
APPLICANT: Silen, Joy L.
APPLICANT: Levy, Mark J.
APPLICANT: Goodman, Thomas C.
APPLICANT: Becker, Martin
APPLICANT: Ullman, Edwin F.
APPLICANT: Caldwell, Robert M.
APPLICANT: Bott, Richard R.

Sequence 175, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 175
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-175

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      851 CAGACTCCCTATCT 864
Db      1 CAGACACCTATCT 14

RESULT 1302
US-08-756-849-114
Sequence 114, Application US/08756849
Patent No. 6093810
GENERAL INFORMATION:
APPLICANT: Bird, David MCK.
APPLICANT: Wilson, Mark A.
TITLE OF INVENTION: Nematode-Induced Genes in Tomato
NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,849

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      509 GCTTCTGTTACGTC 522
Db      14 GCATCTGTTACGTC 1

RESULT 1302
US-08-756-849-114
Sequence 114, Application US/08756849
Patent No. 6093810
GENERAL INFORMATION:
APPLICANT: Bird, David MCK.
APPLICANT: Wilson, Mark A.
TITLE OF INVENTION: Nematode-Induced Genes in Tomato
NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,849
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; FILING DATE: 26-NOV-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/248,474
; FILING DATE: 25-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-053510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "P46 primer"
US-08-756-849-114

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1497 GGTCAAGTTGGCCT 1510
DB 1 GGCCAAGTTGGCCT 14

RESULT 1303
US-09-058-489-83/c
; Sequence 83, Application US/09058489
; Patent No. 6103886
; GENERAL INFORMATION:
; APPLICANT: Whitehead Institute for Biomedical Research
; APPLICANT: Lahn, Bruce
; APPLICANT: Page, David
; TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of
; FILE REFERENCE: WH197-08PA
; CURRENT APPLICATION NUMBER: US/09/058,489
; CURRENT FILING DATE: 1998-04-10
; EARLIER APPLICATION NUMBER: 60/041,877
; EARLIER FILING DATE: 1997-04-11
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-058-489-83

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2003 TCTCAGGTGGAGG 2016
DB 14 TCTCAGGTGGAGG 1

RESULT 1304
US-09-083-756A-23/c
; Sequence 23, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION

```

```

; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-09-083-756A-23

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200
DB 17 GCTGCTCAANTCTGG 3

RESULT 1305
US-09-193-792-17/c
; Sequence 17, Application US/09193792B
; Patent No. 6180344
; GENERAL INFORMATION:
; APPLICANT: Chen, Bin
; TITLE OF INVENTION: 5' Upstream Region Sequences of the MYO1 Gene
; FILE REFERENCE: D6015
; CURRENT APPLICATION NUMBER: US/09/193,792B
; CURRENT FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: US 60/065,113
; PRIOR FILING DATE: 1997-11-18
; NUMBER OF SEQ ID NOS: 20
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: Primer bind
; OTHER INFORMATION: Pax7-specific primer used to amplify the Pax7 gene
US-09-193-792-17

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 1310
US-09-313-932-175
; Sequence 175, Application US/09313932A
; Patent No. 62286642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OILIGONUCLEOTIDES
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 175

```

RESULT 1308  
US-09-313-932-173  
; Sequence 173, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank



; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-175

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 851 CAGACTCCCTATCT 864  
Db 2 CAGACACCTATCT 15  
||||| |||||

RESULT 1311  
US-09-313-932-176  
; Sequence 176, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 176  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-176

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 851 CAGACTCCCTATCT 864  
Db 1 CAGACACCTATCT 14  
||||| |||||

RESULT 1312  
US-09-167-681-18/c  
; Sequence 18, Application US/09167681A  
; Patent No. 6265561  
; GENERAL INFORMATION:  
; APPLICANT: Weinsilboun, M.D., Richard M.  
; APPLICANT: Raftogiannis, Rebecca B.  
; APPLICANT: Wood, Thomas C.  
; APPLICANT: Ottewill, Diane M.  
; TITLE OF INVENTION: SULFOTRANSFERASE SEQUENCE VARIANTS  
; FILE REFERENCE: 07039/118001  
; CURRENT APPLICATION NUMBER: US/09/167,681A  
; CURRENT FILING DATE: 1998-10-07  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-167-681-18

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 137 GACAAGGCCACCCA 150  
Db 18 GCCAAGGCCACCCA 5  
||||| |||||

RESULT 1313  
US-08-881-450A-12  
; Sequence 12, Application US/08881450A  
; Patent No. 6274310  
; GENERAL INFORMATION:  
; APPLICANT: Habener, J.P. and Stoffers, D.A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING  
; TITLE OF INVENTION: PANCREATIC DISEASE  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Inc.  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/881,450A  
; FILING DATE: June 24, 1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kathleen M. Williams  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 11275/7823  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; FEATURE:  
; NAME/KEY: primer S12  
US-08-881-450A-12

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1490 AGGAGGAGGTCAAG 1503  
Db 1 AGGAGGAGGACCAAG 14  
||||| |||||

RESULT 1314  
US-09-280-270A-6  
; Sequence 6, Application US/09280270A  
; Patent No. 6306597  
; GENERAL INFORMATION:  
; APPLICANT: Macevicz, Stephen C.  
; TITLE OF INVENTION: DNA Sequencing by Parallel  
; Oligonucleotide Extensions  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1339 GAGGGAGAGGGGGG 1352  
DB 1 GAGGGAGAGGGGGG 14

STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1339 GAGGGAGAGGGGGG 1352  
DB 1 GAGGGAGAGGGGGG 14

STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1339 GAGGGAGAGGGGGG 1352  
DB 1 GAGGGAGAGGGGGG 14

REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-280-270A-10  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1339 GAGGGAGAGGGGGG 1352  
DB 18 GAGGGAGAGGGGGG 5

RESULT 1316  
US-09-339-972-38  
Sequence 38, Application US/09339972  
Patent No. 6323002  
GENERAL INFORMATION:  
APPLICANT: Brody, Howard  
APPLICANT: Yaver, Deborah S.  
APPLICANT: Lamsa, Michael  
APPLICANT: Hansen, Kim  
TITLE OF INVENTION: Methods for Modifying the Production of  
TITLE OF INVENTION: a Polypeptide  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSER: No. 6323002o No. 6323002disk of No. 6323002th America, Inc.  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10174  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/339,972  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/928,692  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4944.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 38:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-339-972-38  
Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1411 GAGAAAGACCCAGA 1424

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Db      ||||||| |||
        2 GAGGAAGACCAAGA 15

RESULT 1317
US-08-584-040-8369
; Sequence 8369, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8369:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8369

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 7.3e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      1520 TCTCCAGCTCTGGC 1533
        :|||:
Db      2 UCUCACGUGGCG 15

RESULT 1318
US-09-342-681C-49/c
; Sequence 49, Application US/09342681C
; Patent No. 6355782
; GENERAL INFORMATION:
; APPLICANT: Zonana et al.
; TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
; FILE REFERENCE: 52978

; CURRENT APPLICATION NUMBER: US/09/342,681C
; CURRENT FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/092,279
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: 60/112,366
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer that were used to clone
; OTHER INFORMATION: human DL.
US-09-342-681C-49

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1691 GGAGCCACCTTGCC 1704
        |||||
Db      14 GGCGCCACCTTGCC 1

RESULT 1319
US-09-404-066-14
; Sequence 14, Application US/09404066
; Patent No. 6365409
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Healy, Judith M.
; APPLICANT: Donnelly, Caroline E.
; TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
; FILE REFERENCE: 0342/1D469US1
; CURRENT APPLICATION NUMBER: US/09/404,066
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/138,024
; PRIOR FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: 60/056,719
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HISGCH PCR primer
US-09-404-066-14

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      196 TATGGTCTCTACCG 209
        |||||
Db      3 TTGGTCTCTACCG 16

RESULT 1320
US-09-144-367-31/c
; Sequence 31, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
```

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;
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-08-044-857D-26
Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 GCTTCTGTACGTC 522
Db 14 GCATCTGTACGTC 1

RESULT 1322
US-09-573-322-14
; Sequence 14, Application US/09573322
; Patent No. 6531289
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Bailey, David A.
; TITLE OF INVENTION: Regulated Gene Expression in Yeast and
; FILE REFERENCE: 0342/1D469-USA
; CURRENT APPLICATION NUMBER: US/09/573,322
; CURRENT FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 09/404,066
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/138,024
; PRIOR FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: 60/056,719
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HISSCH PCR primer
US-09-573-322-14

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TATGGTCTCTACCG 209
Db 3 TTGGTCTCTACCG 16

RESULT 1323
US-09-422-978-11485/c
; Sequence 11485, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11485
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7815 for SEQ 3620, in compleme
US-09-422-978-11485

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1147 ATCAACAGCGACT 1160
Db 16 ATCTAACAGCGACT 3

RESULT 1324
US-09-371-772B-4025
; Sequence 4025, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4025
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4025

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1520 TCTCCAGCTCTGGC 1533
Db 2 UCUCGAGCUGGCGC 15

RESULT 1325
US-09-856-747-40/c
; Sequence 40, Application US/09856747
; Patent No. 6656688
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTSP-0116
; CURRENT APPLICATION NUMBER: US/09/856,747
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-856-747-40

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1223 AGCCATCCCTGAG 1236
Db 15 ACGTCATCCCTGAG 2

RESULT 1326
PCT-US91-07290-17/c
; Sequence 17, Application PC/TUS9107290
; GENERAL INFORMATION:
; APPLICANT: Sinha, Sukanto
; APPLICANT: Seubert, Peter A.
; APPLICANT: Dovey, Harry F.
; APPLICANT: McConlogue, Lisa C.
; APPLICANT: Little, Sheila P.
; APPLICANT: Johnstone, Edward M.
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Athena Neurosciences, Inc.
; STREET: 800F Gateway Blvd.
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/07290
; FILING DATE: 19911004
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, Lisabeth Feix
; REGISTRATION NUMBER: 31547
; REFERENCE/DOCKET NUMBER: 17796-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 877-0900
; TELEFAX: (415) 877-8370
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US91-07290-17

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 82 ACCCGAGGAGAACT 95
Db 14 ACCAGGAGGAGAACT 1

RESULT 1327
PCT-US94-03437-26/c
; Sequence 26, Application PC/TUS9403437
; GENERAL INFORMATION:
; APPLICANT:
```

APPLICANT: ;  
TITLE OF INVENTION: HOMOGENEOUS IMMUNOASSAYS USING MUTANT ;  
TITLE OF INVENTION: GLUCOSE-6-PHOSPHATE DEHYDROGENASES ;  
NUMBER OF SEQUENCES: 124 ;  
COMPUTER READABLE FORM: ;  
MEDIUM TYPE: Floppy disk ;  
COMPUTER: IBM PC compatible ;  
OPERATING SYSTEM: PC-DOS/MS-DOS ;  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO) ;  
CURRENT APPLICATION DATA: ;  
APPLICATION NUMBER: PCT/US94/03437 ;  
FILING DATE: ;  
INFORMATION FOR SEQ ID NO: 26: ;  
SEQUENCE CHARACTERISTICS: ;  
LENGTH: 18 base pairs ;  
TYPE: nucleic acid ;  
STRANDEDNESS: single ;  
TOPOLOGY: linear ;  
MOLECULE TYPE: DNA (genomic) ;  
HYPOTHETICAL: NO ;  
ANTI-SENSE: NO ;  
ORIGINAL SOURCE: ;  
ORGANISM: Leuconostoc mesenteroides ;  
STRAIN: ATCC 12291 ;  
PCT-US94-03437-26 ;

Query Match 0.6%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 GCTTCGTGTTACGTC 522  
DB 14 GCATCGTTACGTC 1

RESULT 1328  
US-08-337-268A-33/c  
Sequence 33, Application US/08337268A  
Patent No. 5589336  
GENERAL INFORMATION:  
APPLICANT: Lee, Sohee  
APPLICANT: Redman, Colvin L.  
TITLE OF INVENTION: Diagnostic Method and Kit for  
TITLE OF INVENTION: Determining Kell Blood Group  
TITLE OF INVENTION: Genotype  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ronald J. Baron, Esq.  
ADDRESSEE: Hoffmann & Baron  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/337,268A  
FILING DATE: 11-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: No. 5589336e  
ATTORNEY/AGENT INFORMATION:  
NAME: Baron, Ronald J.  
REGISTRATION NUMBER: 29,281  
REFERENCE/DOCKET NUMBER: 454-3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:

LENGTH: 19 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
US-08-337-268A-33

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1801 CCAAGTGCCTGCTT 1814  
DB 19 CCAAGTGCAGCTT 6

RESULT 1329  
US-08-299-849B-40  
Sequence 40, Application US/08299849B  
Patent No. 5612201  
GENERAL INFORMATION:  
APPLICANT: De Plaen, Etienne; Boon-Falleur, Thierry;  
APPLICANT: Leth, Bernard; Szikora, Jean-Pierre; De Smet, Charles;  
APPLICANT: Chomez, Patrick  
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful In  
TITLE OF INVENTION: Determining Expression Of A Tumor Antigen Precursor  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/299,849B  
FILING DATE: 1-SEPTEMBER-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/037,230  
FILING DATE: 26-MARCH-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/04354  
FILING DATE: 22-MAY-1992  
PRIOR APPLICATION DATA: 07/807,043  
FILING DATE: 12-DECEMBER-1991  
PRIOR APPLICATION DATA: 07/764,364  
FILING DATE: 23-SEPTEMBER-1991  
PRIOR APPLICATION DATA: 07/728,838  
FILING DATE: 9-JULY-1991  
PRIOR APPLICATION DATA: 07/705,702  
FILING DATE: 23-MAY-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5612201man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5355  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

```

; TOPOLOGY: linear
US-08-299-849B-40

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1666 CAGCTGTGCTGGGT 1679
DB 1 CAGCTGAGCTGGGT 14

RESULT 1330
US-08-233-002A-1/c
; Sequence 1, Application US/08233002A
; Patent No. 5747469
; GENERAL INFORMATION:
; APPLICANT: Roth, Jack A.
; APPLICANT: Fujiwara, Toshiyoshi
; APPLICANT: Grimm, Elizabeth A.
; APPLICANT: Mukhopadhyay, Tapas
; APPLICANT: Zhang, Wei-Wei
; APPLICANT: Owen-Schaub, Laurie B.
; TITLE OF INVENTION: Methods and Compositions Comprising
; TITLE OF INVENTION: DNA Damaging Agents and p53
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,002A
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/145,826
; CLASSIFICATION: 514
; APPLICATION NUMBER: 07/960,543
; FILING DATE: 13-OCT-1992
; CLASSIFICATION: 514
; APPLICATION NUMBER: 07/665,538
; FILING DATE: 06-MAR-1991
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTSC:403\PAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-233-002A-1

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1474 GAAGCCAAAGGGGT 1487
```

```

DB 19 GAAGCCAAAGGGGT 6

RESULT 1331
US-08-569-977-5
; Sequence 5, Application US/08569977
; Patent No. 5770176
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Assays for Functional Nuclear Receptors
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arthur S. Morgenstern
; STREET: 63 No. 5770176th Street
; CITY: Medfield
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02052
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,977
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Morgenstern, Arthur S.
; REGISTRATION NUMBER: 28,244
; REFERENCE/DOCKET NUMBER: CCD-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-359-3986
; TELEFAX: 508-359-3885
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: thyroid hormone and retinoic acid response
; DESCRIPTION: element segment consensus sequence
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; TITLE: Gene Regulation by Steroid Hormones
; AUTHORS: Beato, M.
; JOURNAL: Cell
; VOLUME: 56
; PAGES: 335-344
; DATE: 10-Feb-1989
US-08-569-977-5

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1496 AGGTCAAGTTGGCCTGA 1512
DB 3 AGGTCAANNTGACCTGA 19

RESULT 1332
US-08-569-977-5/c
; Sequence 5, Application US/08569977
; Patent No. 5770176
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Assays for Functional Nuclear Receptors
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

ADDRESSEE: Arthur S. Morgenstern  
STREET: 63 No. 5770176th Street  
CITY: Medfield  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02052  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
TITLE OF INVENTION: Patent In Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,977  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Morgenstern, Arthur S.  
REGISTRATION NUMBER: 28,244  
REFERENCE/DOCKET NUMBER: CCD-143  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 508-359-3986  
TELEFAX: 508-359-3885  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE:  
DESCRIPTION: thyroid hormone and retinoic acid response  
SEQUENCE CHARACTERISTICS:  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PUBLICATION INFORMATION:  
AUTHORS: Beato, M.  
TITLE: Gene Regulation by Steroid Hormones  
JOURNAL: Cell  
VOLUME: 56  
PAGES: 335-344  
DATE: 10-Feb-1989  
US-08-569-977-5  
Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 76.5%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1496 AGGTCAAGTTGGCCTGA 1512  
Db 17 AGGTCAANNITGACCTGA 1  
RESULT 1333  
US-08-484-570A-33/c  
Sequence 33, Application US/08484570A  
Patent No. 5804379  
GENERAL INFORMATION:  
APPLICANT: Lee, Sochee  
APPLICANT: Redman, Colvin L.  
TITLE OF INVENTION: Diagnostic Method and Kit for  
TITLE OF INVENTION: Determining Kell Blood Group  
TITLE OF INVENTION: Genotype  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ronald J. Baron, Esq.  
ADDRESSEE: Hoffmann & Baron  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC Compatible

OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,570A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/337,268  
FILING DATE: 11-OCT-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Baron, Ronald J.  
REGISTRATION NUMBER: 29,281  
REFERENCE/DOCKET NUMBER: 454-3 CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
US-08-484-570A-33  
Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1801 CCAAGTGCTGCTT 1814  
Db 19 CCAAGTGCCAGCTT 6  
RESULT 1334  
US-08-967-101-147/c  
Sequence 147, Application US/08967101  
Patent No. 5840540  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
APPLICANT: ROMMENS, JOHANNA M  
APPLICANT: FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: High Street Tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/967,101  
FILING DATE: 10-NOV-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 147:  
SEQUENCE CHARACTERISTICS:



```
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-147

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1335
US-08-967-101-148/c
; Sequence 148, Application US/08967101
; Patent No. 5840540
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967,101
; FILING DATE: 10-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-148

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1336
US-08-117-952-262/c
```

```
; Sequence 262, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-262

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1420 CCAGAGGAGAGAA 1433
Db 17 CCAAGGAGAGAA 4

RESULT 1337
US-08-696-900-2
; Sequence 2, Application US/08696900
; Patent No. 5958683
; GENERAL INFORMATION:
; APPLICANT: Wiesenberg, Irmgard
; APPLICANT: Miesbach, Martin
; TITLE OF INVENTION: Screening Method Using The RZR Receptor
; TITLE OF INVENTION: Family
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5958683artis Corporation
; STREET: 520 White Plains Road, PO Box 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/696,900
FILING DATE: 22-AUG-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 94810196.9
FILING DATE: 30-MAR-1994
APPLICATION NUMBER: PCT/EP95/01017
FILING DATE: 18-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-19859/A/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: protein_bind
LOCATION: 1..19
OTHER INFORMATION: /bound_moiety= "VDR"
JG-08-696-900-2

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1482 AGGGGTCAAGGAGG 1495
Db      1 AGAGGTCAAGGAGG 14

RESULT 1338
US-08-592-541-147/c
; Sequence 147, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-592-541-148

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1114 ACTAACCCAGAACAC 1127
Db      18 ACCAACCCAGAACAC 5

RESULT 1339
US-08-592-541-148/c
; Sequence 148, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-592-541-148

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1114 ACTAACCCAGAACAC 1127
Db      18 ACCAACCCAGAACAC 5

RESULT 1340
US-08-953-290-1/c
```

```

; Sequence 1, Application US/08953290
; Patent No. 6069134
; GENERAL INFORMATION:
; APPLICANT: Roth, Jack A.
; APPLICANT: Fujiwara, Toshiyoshi
; APPLICANT: Grimm, Elizabeth A.
; APPLICANT: Mukhopadhyay, Tapas
; APPLICANT: Zhang, Wei-Wei
; APPLICANT: Owen-Schaub, Laurie B.
; TITLE OF INVENTION: Methods and Compositions Comprising
; TITLE OF INVENTION: DNA Damaging Agents and p53
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/953,290
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,002
; FILING DATE: 25-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/145,826
; FILING DATE: 29-OCT-1993
; APPLICATION NUMBER: 07/960,543
; FILING DATE: 13-OCT-1992
; APPLICATION NUMBER: 07/665,538
; FILING DATE: 06-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTSC:403\PAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-953-290-1

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```

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1474 GAAGCCAAAGGGGT 1487
Db 19 GAAGCCAAAGGGGT 6

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RESULT 1341
US-08-851-843A-91
; Sequence 91, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.

```

```

; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-851-843A-91

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Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGCTGTGCTGG 14

```

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RESULT 1342
US-09-124-698-147/c
; Sequence 147, Application US/09124698
; Patent No. 611978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston

```

STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/124,698  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 147:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-124-698-147

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127  
DB 18 ACCAACCAGAACAC 5

RESULT 1343  
US-09-124-698-148/c  
Sequence 148, Application US/09124698  
Patent No. 6117978  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
APPLICANT: ROMMENS, JOHANNA M  
APPLICANT: FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: High Street Tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/124,698  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000

TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 148:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-124-698-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127  
DB 18 ACCAACCAGAACAC 5

RESULT 1344  
US-08-224-232A-1/c  
Sequence 1, Application US/08224232A  
Patent No. 6143290  
GENERAL INFORMATION:  
APPLICANT: University of Texas System  
TITLE OF INVENTION: RECOMBINANT P53 ADENOVIRUS METHODS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/224,232A  
FILING DATE: 07-APR-1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/145,826  
FILING DATE: 29-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Barbara S. Kitchell  
REGISTRATION NUMBER: 33,928  
REFERENCE/DOCKET NUMBER: UTSC:350  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 320-7200  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE:  
US-08-224-232A-1

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1474 GAAGCCAAGGGGT 1487  
DB 19 GAAGCCAAGGGGT 6

```

RESULT 1345
US-08-974-549A-383
; Sequence 383, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 383:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..19
; OTHER INFORMATION: /note= "TCPI.5 primer"
US-08-974-549A-383

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1346
US-09-092-077-14
; Sequence 14, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Montcany, Maurice
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-092-077-14

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ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/127,480  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 148:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-127-480-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127  
Db 18 ACCAACCAGAACAC 5

RESULT 1350  
US-08-496-841C-147/c  
Sequence 147, Application US/08496841C  
Patent No. 6210919  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
FRASER, PAUL E  
ROMMENS, JOHANNA M  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 175  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby, PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/496,841C  
FILING DATE: 28-Jun-1995  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul F. Fehlner, Ph.D.  
REGISTRATION NUMBER: 35,135  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 527-7700  
TELEFAX: (212) 753-6237  
INFORMATION FOR SEQ ID NO: 147:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 147:  
US-08-496-841C-147

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127  
Db 18 ACCAACCAGAACAC 5

RESULT 1351  
US-08-496-841C-148/c  
Sequence 148, Application US/08496841C  
Patent No. 6210919  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
FRASER, PAUL E  
ROMMENS, JOHANNA M  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 175  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby, PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/496,841C  
FILING DATE: 28-Jun-1995  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul F. Fehlner, Ph.D.  
REGISTRATION NUMBER: 35,135  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 527-7700  
TELEFAX: (212) 753-6237  
INFORMATION FOR SEQ ID NO: 148:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 148:  
US-08-496-841C-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127  
Db 18 ACCAACCAGAACAC 5

RESULT 1352  
US-09-522-800-7/c  
Sequence 7, Application US/09522800

```

Patent No. 6211164
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lan, Yuo
APPLICANT: Giranda, Vincent L.
APPLICANT: Rockow-Magnone, Shayna K.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
FILE REFERENCE: 6675.US.01
CURRENT APPLICATION NUMBER: US/09/522,800
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CHK1-as3
7S-09-522-800-7

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y      1753 GGGTGAAGGGGATA 1766
>B      19 GGATGAAGGGGATA 6

RESULT 1353
7S-09-342-479-2
; Sequence 2, Application US/09342479
; Patent No. 6218359
; GENERAL INFORMATION:
; APPLICANT: Wiesenberg, Irmgard
; APPLICANT: Missbach, Martin
; TITLE OF INVENTION: Screening Method Using The RZR Receptor
; TITLE OF INVENTION: Family
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 621835artis Corporation
; STREET: 520 White Plains Road, PO Box 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/342,479
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/696,900
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/01017
; FILING DATE: 18-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19899/A/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: protein_bind
; LOCATION: 1..19
; OTHER INFORMATION: /bound_moiety= "VDR"
US-09-342-479-2

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y      1482 AGGGTCAAGGAGG 1495
>B      1 AGAGGTCAAGGAGG 14

RESULT 1354
US-08-854-050-91
; Sequence 91, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-0029330US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-854-050-91

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGCTGTGCTGG 14

RESULT 1355
US-09-430-323-91
; Sequence 91, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, Joachim
; NAKAMURA, Toru
; CHAPMAN, Karen B.
; MORIN, Gregg B.
; HARLEY, Calvin
; ANDREWS, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323
; FILING DATE: 29-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 91:
US-09-430-323-91

; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-854-050-91

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGCTGTGCTGG 14

RESULT 1356
US-09-124-523-147/c
; Sequence 147, Application US/09124523
; Patent No. 6395960
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,523
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-124-523-147

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACGAGAACAC 1127
Db 18 ACCAACGAGAACAC 5

RESULT 1357
US-09-124-523-148/c
; Sequence 148, Application US/09124523
; Patent No. 6395960
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
```

TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBBAULT  
STREET: High Street Tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/124,523  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 148:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
S-09-124-523-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1114 ACTAACCAAGGAGT 1127  
Db 18 ACCACCAAGGAGT 5  
RESULT 1358  
US-08-145-826A-1/c  
Sequence 1, Application US/08145826A  
Patent No. 6410010  
GENERAL INFORMATION:  
APPLICANT: University of Texas System  
TITLE OF INVENTION: RECOMBINANT P53 ADENOVIRUS METHODS  
TITLE OF INVENTION: AND COMPOSITIONS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/145,826A  
FILING DATE: Unknown  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Barbara S. Kitchell  
REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSC:350  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 320-7200  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE:  
US-08-145-826A-1  
Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1474 GAAGCCAAAGGGT 1487  
Db 19 GAAGCCAAAGGGT 6  
RESULT 1359  
US-08-912-951-150  
Sequence 150, Application US/08912951  
Patent No. 6475789  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
TITLE OF INVENTION: THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,951  
FILING DATE: 14-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/951,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 435

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-912-951-150

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1360
US-09-636-796A-147/c
; Sequence 147, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; ROMMENS, JOHANNA M
; FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 148:
US-09-636-796A-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAAGAACAC 1127
Db 18 ACCAACCAAGAACAC 5

RESULT 1361
US-09-636-796A-148/c
; Sequence 148, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; ROMMENS, JOHANNA M
; FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 148:
US-09-636-796A-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAAGAACAC 1127
Db 18 ACCAACCAAGAACAC 5

RESULT 1362
US-09-668-532-1/c
; Sequence 1, Application US/09668532
; Patent No. 6511847
; GENERAL INFORMATION:
; APPLICANT: University of Texas System
; TITLE OF INVENTION: RECOMBINANT PS3 ADENOVIRUS METHODS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
```

STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/568,532

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/145,826  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Barbara S. Kitchell  
REGISTRATION NUMBER: 33,928  
REFERENCE/DOCKET NUMBER: UTSC:350  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 320-7200  
TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE:

JS-09-668-532-1  
Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1474 GAAGCCAAAGGGGT 1487  
|||||  
2b 19 GAAGCCAAAGGGGT 6

RESULT 1363  
JS-09-580-043B-6/c  
Sequence 6, Application US/09580043B  
Patent No. 6517828

GENERAL INFORMATION:  
APPLICANT: LIN, SUB-HWA  
APPLICANT: LUO, WEIPING  
APPLICANT: LOGOTHESIS, CHRISTOPHER  
TITLE OF INVENTION: C-CAM AS AN ANGIOGENESIS INHIBITOR  
FILE REFERENCE: UTSC:623US  
CURRENT APPLICATION NUMBER: US/09/580,043B  
CURRENT FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/136,563  
PRIOR FILING DATE: 1999-05-28  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
JS-09-580-043B-6

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1474 GAAGCCAAAGGGGT 1487  
|||||

Db 19 GAAGCCAAAGGGGT 6

RESULT 1364

US-09-422-978-4030  
Sequence 4030, Application US/09422978

Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 4030  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-12847 for SEQ 96,  
US-09-422-978-4030

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1583 TTCTATTTCCTG 1596  
|||||  
Db 6 TTCTATTTCCTG 19

RESULT 1365

US-09-422-978-4225/c  
Sequence 4225, Application US/09422978

Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 4225  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291,  
US-09-422-978-4225

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY      1405 GAAAAAGAGAAAGA 1418
      |||||
Db      16 GAAAAAGAGAAAAA 3

RESULT 1366
US-09-422-978-4756
; Sequence 4756, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-17588 for SEQ 822,
US-09-422-978-4756

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1377 AAATGCCAAGAGAG 1390
      |||||
Db      2 AAATGCCAAGAGAG 15

RESULT 1367
US-09-422-978-5847/c
; Sequence 5847, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5847
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-09-422-978-5847

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1405 GAAAAAGAGAAAGA 1418
      |||||
Db      16 GAAAAAGAGAAAAA 3

RESULT 1366
US-09-422-978-4756
; Sequence 4756, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-17588 for SEQ 822,
US-09-422-978-4756

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1405 GAAAAAGAGAAAGA 1418
      |||||
Db      19 GAAAAAGAGAGAGA 6

RESULT 1368
US-09-422-978-6528
; Sequence 6528, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6528
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-12062 for SEQ 2594,
US-09-422-978-6528

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      415 GTGGCAAGTGCTGT 428
      |||||
Db      1 GTGGCAAGTGCTAT 14

RESULT 1369
US-09-422-978-7565
; Sequence 7565, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7565
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-09-422-978-7565
```

OTHER INFORMATION: upstream amplification primer 99-8059 for SEQ 3631,  
JS-09-422-978-7565

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1370 ACTTCAAAAAGCC 1383  
| | | | | | | | | |  
b 6 AGTTCAAAAAGCC 19

## RESULT 1370

JS-09-422-978-7603/c  
; Sequence 7603, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US/09/422,978  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7603  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-9607 for SEQ 3669,  
JS-09-422-978-7603

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1364 CTTCACAACTCAAA 1377  
| | | | | | | | | |  
b 14 CATCCAACTCAAA 1

## RESULT 1371

JS-09-422-978-9939  
; Sequence 9939, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US/09/422,978  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 9939  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens

; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: downstream amplification primer 99-8367 for SEQ 2074, in complemen  
US-09-422-978-9939

Query Match 0.6%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 8.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1860 GCTGGGCTTCAAG 1873  
| | | | | | | | | |  
b 6 GCTGGGCTTAAAG 19

## RESULT 1372

US-09-402-181B-383  
; Sequence 383, Application US/09402181B  
; Patent No. 6610839  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin B.  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 633  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,181B  
; FILING DATE: 29-Sep-1997  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-MAY-1997  
; APPLICATION NUMBER: US 08/911,312  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/912,951  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/915,503  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: WO PCT/US97/17885  
; FILING DATE: 01-OCT-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ausenhus, Scott L.  
; REGISTRATION NUMBER: 42,271  
; REFERENCE/DOCKET NUMBER: 015389-0026200S  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 383:  
; SEQUENCE CHARACTERISTICS:

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/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..19
/ OTHER INFORMATION: /note= "TCP1.5 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 383:
US-09-402-181B-383

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1373
US-09-721-456-383
/ Sequence 383, Application US/09721456
/ Patent No. 6617110
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ Ligner, Joachim
/ Nakamura, Toru
/ Chapman, Karen B.
/ Morin, Gregg B.
/ Harley, Calvin B.
/ Andrews, William H.
/ TITLE OF INVENTION: Human Telomerase Catalytic Subunit
/ NUMBER OF SEQUENCES: 727
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/721.456
/ FILING DATE: 22-Nov. 6617110-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974.549A
/ FILING DATE: 19-NOV-1997
/ APPLICATION NUMBER: US 08/724.643
/ FILING DATE: 01-OCT-1996
/ APPLICATION NUMBER: US 08/844.419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/846.017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/851.843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/854.050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/911.312
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/912.951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915.503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17618
/ FILING DATE: 01-OCT-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
```

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/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph Ted
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 383:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..19
/ OTHER INFORMATION: /note= "TCP1.5 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 383:
US-09-721-456-383

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1374
US-09-583-447A-31/G
/ Sequence 31, Application US/09583447A
/ Patent No. 6645745
/ GENERAL INFORMATION:
/ APPLICANT: WOJNOWSKI, Leszek
/ APPLICANT: GELLNER, Klaus
/ APPLICANT: EISELT, Regina
/ TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF THE CYTOCHROME P450 3A
/ FILE REFERENCE: 310115.401
/ CURRENT APPLICATION NUMBER: US/09/583.447A
/ CURRENT FILING DATE: 2000-05-30
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-583-447A-31

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1792 CCTGAATGCCAAG 1805
Db 18 CCTGAATGCCAAG 5

RESULT 1375
US-09-747-391-16
/ Sequence 16, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ APPLICANT: Tonai, Richard
/ APPLICANT: StemCite, Inc.
/ TITLE OF INVENTION: High Throughput Methods of HLA Typing
/ FILE REFERENCE: 020035-000210US
/ CURRENT APPLICATION NUMBER: US/09/747.391
/ CURRENT FILING DATE: 2001-07-13
```

```
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
JS-09-747-391-16

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1710 TTCTCCCGTCTT 1723
      |||||
Db 6 TCCITCCGTTCTT 19

RESULT 1376
JS-09-672-717-129
Sequence 129, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 129
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
JS-09-672-717-129

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 911 AGTGTGTGAATTT 924
      |||||
Db 6 AGTGTGTGAATGT 19

RESULT 1377
JS-09-672-717-163/C
Sequence 163, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 163
LENGTH: 19
TYPE: DNA

PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-672-717-163

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1134 GTACCTGGAGAAGA 1147
      |||||
Db 15 GAACCTGGAGAAGA 2

RESULT 1378
US-09-866-108A-973
Sequence 973, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/006666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aescmica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 973
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-973

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1649 AGGCCCCGAGCTCAGG 1665
      |||||
Db 1 AGGCCCCCAAGCCCAAGG 17

RESULT 1379
US-08-584-040-5945/c
Sequence 5945, Application US/08584040
Patent No. 6346398
```



```
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5945:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5945

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 208 CGAAAAATGGAATCTA 224
Db 17 CCAAAATGAAATCAA 1

RESULT 1380
US-09-371-772B-2782/c
; Sequence 2782, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
```

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; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2782

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 208 CGAAAAATGGAATCTA 224
Db 17 CCAAAATGAAATCAA 1

RESULT 1381
US-07-715-183C-10/c
; Sequence 10, Application US/07715183C
; Patent No. 5304473
; GENERAL INFORMATION:
; APPLICANT: Belagaje, Rama M
; APPLICANT: Dimarchi, Richard D
; APPLICANT: Heath, William F
; APPLICANT: Long, Harlan B
; TITLE OF INVENTION: A-C-B PROINSULIN, METHOD OF
; TITLE OF INVENTION: MANUFACTURING AND USING SAME, AND INTERMEDIATES IN
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/715,183C
; FILING DATE: 19910611
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Conrad, William A
; REGISTRATION NUMBER: 32,089
; REFERENCE/DOCKET NUMBER: X-7866
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-6013
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-715-183C-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 1861 CTGGGTCTTCAAGATC 1877
Db 17 CTGTGCTTCTAGGATC 1
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```
RESULT 1382
US-07-940-652-10/c
; Sequence 10, Application US/07940652
; Patent No. 5424413
; GENERAL INFORMATION:
; APPLICANT: James J. Hogan et al.
; TITLE OF INVENTION: BRANCHED NUCLEIC ACID PROBES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS Version 3.30
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,652
; FILING DATE: 19920904
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/827,021
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 199/201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-940-652-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 431 AACTTAATAAGCAGCAG 447
||| ||| ||| ||| ||| ||| |||
Db 17 AACGTATTAAAGCAGCG 1

RESULT 1383
US-08-255-553-10/c
; Sequence 10, Application US/08255553
; Patent No. 5451503
; GENERAL INFORMATION:
; APPLICANT: James J. Hogan et al.
; TITLE OF INVENTION: BRANCHED NUCLEIC ACID PROBES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS Version 3.30
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/255,553
; FILING DATE: 07-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,652
; FILING DATE: 04-SEP-1992
; APPLICATION NUMBER: US/07/827,021
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 199/201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-255-553-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 431 AACTTAATAAGCAGCAG 447
||| ||| ||| ||| ||| ||| |||
Db 17 AACGTATTAAAGCAGCG 1

RESULT 1384
US-08-144-212-18/c
; Sequence 18, Application US/08144212
; Patent No. 5466577
; GENERAL INFORMATION:
; APPLICANT: William G. Weisburg
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE
; TITLE OF INVENTION: DETECTION OF LYME DISEASE
; TITLE OF INVENTION: SPIROCHETES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/144,212
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/773,351
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-144-212-18

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      808 ATCGAGATGTTCCAGCC 824
Db      17 AAGGAGGTGATCCAGCC 1

RESULT 1385
US-07-744-282C-118
; Sequence 118, Application US/07744282C
; Patent No. 5521300
; GENERAL INFORMATION:
; APPLICANT: Shah, Jyotsna S.
; APPLICANT: Nietupski, Raymond M.
; APPLICANT: Liu, Jing
; TITLE OF INVENTION: Oligonucleotides Complementary to
; TITLE OF INVENTION: Mycobacterial Nucleic Acids
; NUMBER OF SEQUENCES: 127
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kevin M. Farrell, P.C.
; STREET: P.O. Box 999
; CITY: York Harbor
; STATE: ME
; COUNTRY: USA
; ZIP: 03911
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,282C
; FILING DATE: August 13, 1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kevin M. Farrell
; REGISTRATION NUMBER: 35,505
; REFERENCE/DOCKET NUMBER: GTR90-05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (207) 363-0558
; TELEFAX: (207) 363-0528
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-744-282C-118

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      808 ATCGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGATCCAGCC 17

RESULT 1386
US-07-949-541A-44/c
; Sequence 44, Application US/07949541A
; Patent No. 5552270
; GENERAL INFORMATION:
; APPLICANT: Khorapko, Konstantin R.
; APPLICANT: Khorlin, Alexandr A.
```

```
; APPLICANT: Ivanov, Igor B.
; APPLICANT: Ershov, Gennady M.
; APPLICANT: Lysov, Yuri P.
; APPLICANT: Florentiev, Vladimir L.
; APPLICANT: Mirzabekov, Andrei D.
; TITLE OF INVENTION: Method for Determining a DNA Nucleotide
; TITLE OF INVENTION: Sequence and a Device for Carrying Out Same
; Patent No. 5552270
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ladass & Parry
; STREET: 26 West 61st Street
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10023
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
; COMPUTER: IBM PC/XT/AT or compatibles
; OPERATING SYSTEM: DOS
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/949,541A
; FILING DATE: 09-No. 5552270-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/RU92/00052
; FILING DATE: 18-Mar-1992
; APPLICATION NUMBER: Russian Federation 4919321
; FILING DATE: 18-Mar-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janet I. Cord
; REGISTRATION NUMBER: 33,778
; REFERENCE/DOCKET NUMBER: U-8999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 708-1800
; TELEFAX: (212) 246-8959
; TELEX: 233288
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: Linear
; MOLECULE TYPE: chemically synthesized
; MOLECULE TYPE: desoxyribonucleotide.
; FEATURE: oligonucleotide was synthesized by phosphoramidite
; FEATURE: method.
; OTHER INFORMATION: The sequence is listed from 3' to 5' left
; OTHER INFORMATION: to right and this is SEQ ID NO.1.
US-07-949-541A-44

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCGCGTCA 796
Db      17 CATTTCAGCGCGTCA 1

RESULT 1387
US-08-281-940-42
; Sequence 42, Application US/08281940
; Patent No. 5589330
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
; TITLE OF INVENTION: DISEASE ANALYSIS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY P.C.
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
```

STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/281,940  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LUDWIG, S. PETER  
REGISTRATION NUMBER: 25351  
REFERENCE/DOCKET NUMBER: 0372/09696  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212/527-7700  
TELEFAX: 212/753-6237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORGANISM: Homo sapien  
IMMEDIATE SOURCE:  
CLONE: 1717-IN  
IS-08-281-940-42

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

NY 249 GGAGATGACCAAGTACC 265  
|||||  
b 1 GGAGATGCTCTATTACC 17

RESULT 1388  
US-08-307-307-2  
; Sequence 2, Application US/08307307  
; Patent No. 5601979  
; GENERAL INFORMATION:  
; APPLICANT: Yuan N. Wong  
; TITLE OF INVENTION: Preparation and Use of  
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having  
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CPG, Inc.  
; STREET: 3 Borinski Road  
; CITY: Lincoln Park  
; STATE: New Jersey  
; COUNTRY: United States of America  
; ZIP: 07035  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3M Double Density 5 1/4"  
; MEDIUM TYPE: diskette  
; COMPUTER: Wang PC  
; OPERATING SYSTEM: MS DOS Version 3.20  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/307,307  
; FILING DATE: 16 September 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/794,910  
; FILING DATE: 20 No. 5601979ember 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Irons, Edward S.  
; REGISTRATION NUMBER: 16,541  
; REFERENCE/DOCKET NUMBER: Wong  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 626-3564  
; TELEFAX: (202) 783-6031  
; TELEX: No. 5601979e  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleotide  
; STRANDEDNESS: Single  
; TOPOLOGY: Unknown  
US-08-307-307-4  
Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

NAME: Irons, Edward S.  
REGISTRATION NUMBER: 16,541  
REFERENCE/DOCKET NUMBER: Wong  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 626-3564  
TELEFAX: (202) 783-6031  
TELEX: No. 5601979e  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: Nucleotide  
STRANDEDNESS: Single  
TOPOLOGY: Unknown  
US-08-307-307-2

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTTCAAGCCGGTCA 796  
|||||  
Db 1 CATTTTGTCTCGGTCA 17

RESULT 1389  
US-08-307-307-4  
; Sequence 4, Application US/08307307  
; Patent No. 5601979  
; GENERAL INFORMATION:  
; APPLICANT: Yuan N. Wong  
; TITLE OF INVENTION: Preparation and Use of  
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having  
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CPG, Inc.  
; STREET: 3 Borinski Road  
; CITY: Lincoln Park  
; STATE: New Jersey  
; COUNTRY: United States of America  
; ZIP: 07035  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3M Double Density 5 1/4"  
; MEDIUM TYPE: diskette  
; COMPUTER: Wang PC  
; OPERATING SYSTEM: MS DOS Version 3.20  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/307,307  
; FILING DATE: 16 September 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/794,910  
; FILING DATE: 20 No. 5601979ember 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Irons, Edward S.  
; REGISTRATION NUMBER: 16,541  
; REFERENCE/DOCKET NUMBER: Wong  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 626-3564  
; TELEFAX: (202) 783-6031  
; TELEX: No. 5601979e  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleotide  
; STRANDEDNESS: Single  
; TOPOLOGY: Unknown  
US-08-307-307-4

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 780 CATTTCAGCCGGTCA 796  
|||||  
Db 1 CATTTCGTCGGGTCA 17

RESULT 1390

```

US-08-307-307-7
; Sequence 7, Application US/08307307
; Patent No. 5601979
; GENERAL INFORMATION:
; APPLICANT: Yuan N. Wong
; TITLE OF INVENTION: Preparation and Use of
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CPG, Inc.
; STREET: 3 Borinski Road
; CITY: Lincoln Park
; STATE: New Jersey
; COUNTRY: United States of America
; ZIP: 07035

```

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? COMPUTER READABLE FORM:
? MEDIUM TYPE: 3M Double Density 5 1/4 "
? MEDIUM TYPE: diskette
? COMPUTER: Wang PC
? OPERATING SYSTEM: MS DOS Version 3.20
? SOFTWARE: WordPerfect
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/307,307
? FILING DATE: 16 September 1994
? CLASSIFICATION: 435
?
```

PRIOR APPLICATION DATA: 07/794,910  
 APPLICATION NUMBER: 20 No. 5601979  
 FILING DATE: 1995 September 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Irons, Edward S.  
 REGISTRATION NUMBER: 16,541  
 REFERENCE/DOCKET NUMBER: WONG  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 626-3564  
 TELEFAX: (202) 783-6031  
 TELEX: No. 561979e  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17  
 TYPE: Nucleotide  
 STRANDEDNESS: Single  
 TOPOLOGY: Unknown  
 PS-08-107-107-7

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels

QY 780 CATTTCAGCCGGTCA 796  
||||| |||||||  
pb 1 CATTTCAGCCGGTCA 17

## RESULT 1391

```

RESUM. 1591
US-08-390-850-617
; Sequence 617, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

```

NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 561215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 617:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-1390-850-617

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Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
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QY  
669 AGAGTACTTCCCAGGAA 685

D<sub>b</sub>  
1 AGAAGACUUUCCAGGAA 17

## RESULT 1392

RESUM. 1392  
US-08-390-850-631/c  
; Sequence 631, Application US/08390850  
; Patent No. 5612215  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McGswiggen, James  
; APPLICANT: Gustofson, John  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
; NUMBER OF SEQUENCES: 1151  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390.850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 631:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-631

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

XY 1408 AAAGAGAAAGACCAGA 1424  
|||||  
DB 17 AAATAGAAAACCCAAA 1

RESULT 1393  
US-08-390-850-633/c  
Sequence 633, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390.850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 633:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-633

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1406 AAAAGAGAAAGACCCA 1422  
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DB 17 AGAATAGAAAACCCCA 1

RESULT 1394  
US-08-477-270-7/c  
Sequence 7, Application US/08477270  
Patent No. 5629158  
GENERAL INFORMATION:  
APPLICANT: UHLEN, Mathias  
TITLE OF INVENTION: SOLID PHASE DIAGNOSIS OF MEDICAL  
TITLE OF INVENTION: CONDITIONS  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/477,270  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/261,010  
FILING DATE:  
APPLICATION NUMBER: US 07/781,157  
FILING DATE: 07-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 16787/153 DPBC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid;

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; DESCRIPTION: Synthetic DNA oligonucleotide
; IMMEDIATE SOURCE:
; CLONE: RIT 7
US-08-477-270-7

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCACGCGGTCA 796
Db 17 CATTTCGTCGCGGTCA 1

RESULT 1395
US-08-233-788A-15/c
; Sequence 15, Application US/08233788A
; Patent No. 5635617
; GENERAL INFORMATION:
; APPLICANT: Doran, James L.
; APPLICANT: Kay, William W.
; APPLICANT: Collinson, Karen S.
; APPLICANT: Clouthier, Sharon C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTION
; TITLE OF INVENTION: OF SALMONELLA
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.A.
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,788A
; FILING DATE: 26-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: King, Joshua
; REGISTRATION NUMBER: 35,570
; REFERENCE/DOCKET NUMBER: 920043.403C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELEX: 3723836 SEEDANBERRY
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-233-788A-15

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 54 GCGCAGCAAGATGCGC 70
Db 17 GCGCATCATGACGCGC 1

RESULT 1396
US-07-976-103A-41
; Sequence 41, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
```

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; APPLICANT: FROHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-976-103A-41

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1394 AACAGAGGATGAAAA 1410
Db 1 AAAGAAAGGAGGAAAAA 17

RESULT 1397
US-08-373-124A-832/c
; Sequence 832, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 832:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-373-124A-832

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Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

>Y 1367 CCAACTTCAAAAAGCC 1383
>D 17 CAAATTTCAAAAAGCC 1

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RESULT 1398
JS-08-373-124A-968
; Sequence 968, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466

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```

; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 968:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-968

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Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTATATATAAAATTA 1616
DB 1 AGUUUUAUAAAAAUUA 17

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RESULT 1399
US-08-373-124A-984/c
; Sequence 984, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```



```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 984:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-984

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1614 TTATTAAATATAAATAT 1630
DB 17 TTACTGAATAAAATAT 1

RESULT 1400
US-08-373-124A-1056/c
; Sequence 1056, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1224

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1056

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1597 TGTATTATATAAAAT 1613
DB 17 TATATATATAAAAT 1

RESULT 1401
US-08-373-124A-1224
; Sequence 1224, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1224

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
```



```

CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2065:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2065

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1614 TTATTAAATATAATAT 1630
||| |||| |||||
Db 17 TTACTGAATAAAATAT 1

RESULT 1405
US-08-373-124A-2149
Sequence 2149, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2149

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.2e+02;
Matches 2; Conservative 12; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TTTTATATTTCTATT 1591
||||| :|:|:|:|:|
Db 1 UUUUUUUUUUUUUUAU 17

RESULT 1406
US-08-373-124A-2153
Sequence 2153, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2149
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APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 2153:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2153

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 11.8%; Pred. No. 7.2e+02;  
Matches 2; Conservative 12; Mismatches 3; Indels 0; Gaps 0;

Y 1575 TTTTATATTCTCTATT 1591  
b 1 UUUUUUUUUUAU 17

RESULT 1407  
US-08-373-124A-2157/c  
Sequence 2157, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 2157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2157

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTTATATAAAATTTA 1616  
DB 17 ATATATATAAAATAA 1

RESULT 1408  
US-08-387-315A-5  
Sequence 5, Application US/08387315A  
Patent No. 5665565  
GENERAL INFORMATION:  
APPLICANT: PETRI JR., WILLIAM A  
APPLICANT: VINES, R R  
APPLICANT: PURDY, JAY E  
APPLICANT: MANN, BARBARA J  
TITLE OF INVENTION: TRANSFECTION OF ENTERIC PARASITES  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &  
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/387,315A  
FILING DATE:  
CLASSIFICATION: 424  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-387-315A-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 TCAGCCATTTTAGATT 1924  
DB 1 TAAGTCATTTTAGTTT 17

RESULT 1409  
US-08-410-005-10  
Sequence 10, Application US/08410005  
Patent No. 5683902



## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 631:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

IS-08-435-634-631

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1408 AAAGAGAAAGACCAGA 1424  
b 17 AAATAGAAACCCAAA 1

## RESULT 1412

S-08-435-634-633/c  
Sequence 633, Application US/08435634  
Patent No. 5731295

## GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 633:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-435-634-633

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1406 AAAAGAGAAAGACCCA 1422  
Db 17 AGAATAGAAACCCCA 1

## RESULT 1413

US-08-758-306-585  
Sequence 585, Application US/08758306  
Patent No. 5807743

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 585:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-585
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTCA 1551
   :||: ||: ||: ||: ||
Db 1 UCCUUCUAGUCCUUA 17

RESULT 1414
US-08-758-306-681/c
; Sequence 681, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 681:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-681
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1145 AGATCAACAGCGACTG 1161
   ||| ||||| |||||
Db 17 AGAACAATAAGTACTG 1

RESULT 1415
US-08-758-306-803
; Sequence 803, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 803:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-803
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 916 GTGGAATTTGTCAAGAG 932
   ||||| ||: |||||
Db 1 GUGGAAGUUCUCAACAG 17

RESULT 1416
US-08-715-142-10/c
; Sequence 10, Application US/08715142
; Patent No. 5811244
; GENERAL INFORMATION:
; APPLICANT: Frankel, Wayne N.
; APPLICANT: Cox, Gregory A.
; APPLICANT: Lutz, Cathleen M.
; APPLICANT: No. 5811244bels, Jeffrey L.
; TITLE OF INVENTION: CLINICAL DISORDERS ASSOCIATED WITH NHE1
; TITLE OF INVENTION: MUTATION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kevin M. Farrell, P.C.
; STREET: P.O. Box 999
```

CITY: York Harbor  
STATE: ME  
COUNTRY: USA  
ZIP: 03911  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/715,142  
FILING DATE: 18-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Farrell, Kevin M.  
REGISTRATION NUMBER: 35,505  
REFERENCE/DOCKET NUMBER: JL-9601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (207) 363-0558  
TELEFAX: (207) 363-0528  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-715-142-10  
S-08-715-142-10  
Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Y 364 CCAGTATTCGATGCGCT 380  
b 17 CCAGGCTTCGATGCT 1  
RESULT 1417  
S-08-435-628-832/c  
Sequence 832, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 832:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-832  
Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1367 CCAACTTCAAAAAGCC 1383  
Db 17 CAAATTCAAAAACCC 1  
RESULT 1418  
US-08-435-628-968  
Sequence 968, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422



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; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 968:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-968

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTATATATAAAATTTA 1516
DB 1 AGUUUUAUAAAAAUUA 17

RESULT 1419
US-08-435-628-984/c
; Sequence 984, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```

```
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 984:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-984

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1614 TTATTAAATATAATAT 1630
DB 17 TTACTGATAAAAAATAT 1

RESULT 1420
US-08-435-628-1056/c
; Sequence 1056, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IS-08-435-628-1056

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1597 TGTATTATATAAAAT 1613  
| | | | | | | | | |  
b 17 TATATATATATAAATT 1

RESULT 1421  
US-08-435-628-1224  
Sequence 1224, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1224:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.6%; Score 12.2; DB 1; Length 17;

Best Local Similarity 47.1%; Pred. No. 7.2e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 1830 GTGCCCTTATTGAACAT 1846  
| | | | | | | | | |  
Db 1 GUGCCCUUUUUUACCU 17

RESULT 1422  
US-08-435-628-1647  
Sequence 1647, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1647:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.2e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1206 GCAGCGGATTCCTGAGG 1222  
| | | | | | | | | |  
Db 1 GCAGCGGUCUCCUGUGG 17

RESULT 1423  
US-08-435-628-1907  
; Sequence 1907, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1907:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-435-628-1907  
Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
CY 1596 GTGATTTTATATAAAAA 1612  
| | | | | | | | | | | | | | | | | | | | |  
Db 1 GUGAUUUUAAAAAAA 17  
RESULT 1424  
US-08-435-628-2065/c  
; Sequence 2065, Application US/08435628  
; Patent No. 5817796

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2065:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-435-628-2065  
Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
CY 1614 TTATTAAATATAAATAT 1630  
| | | | | | | | | | | | | | | | | | | | |  
Db 17 TTACTGAATAAAAAATAT 1  
RESULT 1425  
US-08-435-628-2149  
; Sequence 2149, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR



MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2157

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTATATATAAAATTTA 1616  
DB 17 ATATATATAAAATTA 1

RESULT 1428  
US-08-473-481-41  
Sequence 41, Application US/08473481  
Patent No. 5830653  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
TITLE OF INVENTION: 53  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,481

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-473-481-41

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1394 AAACAGAGGATGAAAAA 1410  
DB 1 AAAGAAAGGAGGAAAAA 17

RESULT 1429  
US-08-710-134-42  
Sequence 42, Application US/08710134  
Patent No. 5834181  
GENERAL INFORMATION:  
APPLICANT: SHUBER, ANTHONY P.  
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR  
SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genzyme Corporation  
STREET: One Mountain Road  
CITY: Framingham  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 01701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/710,134  
FILING DATE: 13-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Dugan, Deborah A.  
REGISTRATION NUMBER: 37,315  
REFERENCE/DOCKET NUMBER: IGS-8.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 508-872-8400  
TELEFAX: 508-872-5415  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotides"  
IS-08-710-134-42

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

249 GGAGTGACCAAGTACC 265  
|||||  
1 GGAGATGCTCTATTACC 17

RESULT 1430  
IS-08-642-684-5  
Sequence 5, Application US/08642684  
Patent No. 5934253  
GENERAL INFORMATION:

APPLICANT: HONG, GUO FAN  
APPLICANT: FENG, ZHAI  
APPLICANT: HUANG, WEI-HUA  
TITLE OF INVENTION: A NEW DNA POLYMERASE WITH PROOF-READING  
TITLE OF INVENTION: 3'-5' EXONUCLEASE ACTIVITY  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DAREY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/642,684  
FILING DATE: 03-MAY-1996  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: CHAPIN, MARLANA K.  
REGISTRATION NUMBER: 35,843  
REFERENCE/DOCKET NUMBER: 4694/219502  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3711  
TELEFAX: 202-822-0944  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
S-08-642-684-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCGGTCA 796  
|||||  
Db 1 CATTTCGCGGTCA 17  
RESULT 1431  
US-08-292-620A-1754  
Sequence 1754, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:

APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

two

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1754:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1754

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 184 TTGCTGCTCAACTATCG 200  
:|||||  
Db 1 UAGCAGCUCACAAUGG 17

RESULT 1432  
US-08-967-101-163/c



TELEFAX: (312) 984-9740  
 TELEX: 25-3856  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 ANTI-SENSE: YES  
 JS-08-429-659-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 780 CATTTCAGCGGTC A 796  
 |||||  
 17 CATTTCGCTCGGTC A 1

RESULT 1435  
 JS-08-754-559-5  
 Sequence 5, Application US/08754559  
 Patent No. 5891634  
 GENERAL INFORMATION:

APPLICANT: PETRI JR., WILLIAM A  
 APPLICANT: VINES, R R  
 APPLICANT: PURDY, JAY E  
 APPLICANT: MANN, BARBARA J  
 TITLE OF INVENTION: TRANSFECTION OF ENTERIC PARASITES  
 NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER &  
 ADDRESSEE: NEUSTADT  
 STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400  
 CITY: ARLINGTON  
 STATE: VIRGINIA  
 COUNTRY: USA  
 ZIP: 22202

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IEM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08754,559  
 FILING DATE: 21-NOV-1996

CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/387,315  
 FILING DATE: 13-FEB-1995  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 JS-08-754-559-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1 1908 TCAGCCATTTCAGATT 1924  
 |||||  
 1 TAAGTCATTTTAGTTT 17

RESULT 1436  
 JS-08-963-946-13  
 Sequence 13, Application US/08963946  
 Patent No. 5962273

GENERAL INFORMATION:  
 APPLICANT: Durmowicz, Gerard P.  
 APPLICANT: Harris, James M.  
 APPLICANT: Yanson, Karen D.  
 TITLE OF INVENTION: Detection of Neisseria Gonorrhoeae by  
 TITLE OF INVENTION: Amplification and Detection of Its Nucleic Acid  
 NUMBER OF SEQUENCES: 39  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and  
 ADDRESSEE: Company  
 STREET: 1 Becton Drive  
 CITY: Franklin Lakes  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07417  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/963,946  
 FILING DATE:

CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Highet, David W.  
 REGISTRATION NUMBER: 30,265  
 REFERENCE/DOCKET NUMBER: P-3869  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (201) 847-5317  
 TELEFAX: (201) 848-9228  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 JS-08-963-946-13

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1422 AGAGGAGAGAGAGAG 1438  
 |||||  
 Db 1 AAAGGAGAGATATAAG 17

RESULT 1437  
 US-08-592-541-163/c  
 Sequence 163, Application US/08592541  
 Patent No. 5986054  
 GENERAL INFORMATION:  
 APPLICANT: ST. GEORGE-HYSLOP, PETER H  
 APPLICANT: ROMMENS, JOHANNA M  
 APPLICANT: FRASER, PAUL E  
 TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
 TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
 NUMBER OF SEQUENCES: 183  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
 STREET: High Street Tower - 125 High Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: U.S.A.  
 ZIP: 02110  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/592,541



```

; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-163

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTAATGAGATG 816
DB 17 CGAAGTGATGAGATG 1

RESULT 1438
US-08-826-532-12/c
; Sequence 12, Application US/08826532B
; Patent No. 6027923
; GENERAL INFORMATION:
; APPLICANT: Wallace, Robert B.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
; FILE REFERENCE: 3239-102P
; CURRENT APPLICATION NUMBER: US/08/826,532B
; CURRENT FILING DATE: 1997-04-02
; EARLIER APPLICATION NUMBER: US 08/475,605
; EARLIER FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)
; OTHER INFORMATION: "non-replicable element"-ctct
US-08-826-532-12

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TACTTTGATACCTTGG 1076
DB 17 TCTTTGATCCTTGG 1

RESULT 1439
US-09-059-369-12
; Sequence 12, Application US/09059369
; Patent No. 6040156
; GENERAL INFORMATION:
; APPLICANT: KAWASAKI, TOSHISUKE
; APPLICANT: OKA, SHOGO
; TITLE OF INVENTION: DNA ENCODING GLUCURONYLTRANSFERASE
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
```

```

; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/059,369
; FILING DATE: 14-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 9-127065
; FILING DATE: 16-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 9378-0002-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
US-09-059-369-12

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGGAGTTGC 2020
DB 1 CTGGTGTGGAGGATGC 17

RESULT 1440
US-08-981-256A-13/c
; Sequence 13, Application US/08981256A
; Patent No. 6046042
; GENERAL INFORMATION:
; APPLICANT: Meinhard HASSLACHER et al.
; TITLE OF INVENTION: (S)-HYDROXY-NITRILE-LYASE FROM HEVEA BRASILIENSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
; STREET: 2033 K Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/981,256A
; FILING DATE: December 22, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthew Jacob
; REGISTRATION NUMBER: 25,154
; REFERENCE/DOCKET NUMBER: 1553-02112
; TELECOMMUNICATION INFORMATION:
```





REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 701:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IS-08-985-162-701

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Y 414 TGTGGCAAGTCTGTGA 430  
b 17 TGTGGCCAGAGCTGTAA 1

RESULT 1446  
IS-08-945-654-9  
Sequence 9, Application US/08945654  
Patent No. 6071747  
GENERAL INFORMATION:  
APPLICANT:

TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN  
TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS  
TITLE OF INVENTION: THEREOF.  
NUMBER OF SEQUENCES: 22  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA: US/08/945,654  
APPLICATION NUMBER: US/08/945,654  
FILING DATE:

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9504922  
FILING DATE: 25-APR-1995  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER"

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Y 616 GAGGCTTTCACACCAC 632  
b 1 GAGACCTTCAACACCC 17

RESULT 1447  
S-08-894-731-5/c  
Sequence 5, Application US/08894731  
Patent No. 6084089  
GENERAL INFORMATION:  
APPLICANT: MINE, Toshiki  
APPLICANT: OHYAMA, Akio  
APPLICANT: HIYOSHI, Toru  
APPLICANT: KASAOKA, Keisuke

TITLE OF INVENTION: COLD-INDUCIBLE PROMOTER SEQUENCE  
FILE REFERENCE: 760-234P  
CURRENT APPLICATION NUMBER: US/08/894,731  
CURRENT FILING DATE: 1997-10-27  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Oligonucleotide  
US-08-894-731-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1576 TTTATATTTTCTATTTC 1592  
Db 17 TTTTATTCTCTTTTC 1

RESULT 1448  
US-08-998-099-47/c  
Sequence 47, Application US/08998099A  
Patent No. 6103890  
GENERAL INFORMATION:  
APPLICANT: JARVIS, THALE  
APPLICANT: MCSWIGGEN, JAMES A.  
APPLICANT: STINCHCOMB, DAN T.  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
FILE REFERENCE: 231/175  
CURRENT APPLICATION NUMBER: US/08/998,099A  
CURRENT FILING DATE: 1997-12-24  
EARLIER APPLICATION NUMBER: 60/037,658  
EARLIER FILING DATE: 1997-01-23  
EARLIER APPLICATION NUMBER: 08/373,124  
EARLIER FILING DATE: 1995-01-13  
EARLIER APPLICATION NUMBER: 08/245,466  
EARLIER FILING DATE: 1994-05-18  
NUMBER OF SEQ ID NOS: 375  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 47  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-08-998-099-47

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 3 GCGAGCCGCGCGCGG 19  
Db 17 GAGGAGACGAGGCGCGG 1

RESULT 1449  
US-08-998-099-91  
Sequence 91, Application US/08998099A  
Patent No. 6103890  
GENERAL INFORMATION:  
APPLICANT: JARVIS, THALE  
APPLICANT: MCSWIGGEN, JAMES A.  
APPLICANT: STINCHCOMB, DAN T.  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
FILE REFERENCE: 231/175  
CURRENT APPLICATION NUMBER: US/08/998,099A  
CURRENT FILING DATE: 1997-12-24

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; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-039-91

Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 472 GGGGGCTGCACCATGC 488
Db 1 GGAGGCTTCCACCTCGC 17

RESULT 1450
US-08-998-039-97
; Sequence 97, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 97
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-039-97

Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 919 GAATTTCACAGACTT 935
Db 1 GAACCTGUCAGAGCAU 17

RESULT 1451
US-09-124-698-163/c
; Sequence 163, Application US/09124698
; Patent No. 6117978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
```

```

; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-124-698-163

Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTATGAGATG 816
Db 17 CGAAGTGATGAGATG 1

RESULT 1452
US-09-071-845-1754
; Sequence 1754, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1754:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1754
;
Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 184 TTGCTGCTCACTATCG 200
Db 1 UAGCAGCUCACACAUUG 17

RESULT 1453
US-09-277-016-25/c
; Sequence 25, Application US/09277016
; Patent No. 6143529
; GENERAL INFORMATION:
; APPLICANT: Lapidus, Stanley N
; APPLICANT: Shuber, Anthony P
; TITLE OF INVENTION: Methods for improving sensitivity and specificity of
; FILE REFERENCE: EXT-010
; CURRENT APPLICATION NUMBER: US/09/277,016
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 08/876,857
; EARLIER FILING DATE: 1997-06-16
; EARLIER APPLICATION NUMBER: 08/700,583
; EARLIER FILING DATE: 1996-08-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc.feature
; LOCATION: (1)-(17)
; OTHER INFORMATION: SBE-B1
US-09-277-016-25
;
Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1575 TTTATATTTCTATT 1591
Db 17 TTTATTTCTGCTATT 1

RESULT 1454
US-09-157-397-5
; Sequence 5, Application US/09157397
```

```

; Patent No. 6165765
; GENERAL INFORMATION:
; APPLICANT: HONG, GUOFAN
; APPLICANT: HUANG, WEI-HUA
; TITLE OF INVENTION: DNA POLYMERASE HAVING ABILITY TO REDUCE INNATE
; TITLE OF INVENTION: SELECTIVE DISCRIMINATION AGAINST FLUORESCENT
; TITLE OF INVENTION: DYE-LABELLED DIDEOXYNUCLEOTIDES
; FILE REFERENCE: homologueselisting
; CURRENT APPLICATION NUMBER: US/09/157,397
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/544,643
; EARLIER FILING DATE: 1995-10-18
; EARLIER APPLICATION NUMBER: 08/642,684
; EARLIER FILING DATE: 1996-05-03
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Bacillus stearothermophilus
US-09-157-397-5
;
Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 780 CATTTTCAGCGGTC 796
Db 1 CATTTGCTGCGGTC 17

RESULT 1455
US-09-127-480-163/c
; Sequence 163, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7100
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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; DESCRIPTION: /desc = "primer"
US-09-127-480-163

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 CCAAGTATGAGATG 816
      17 CCAAGTGTATGAGATG 1

RESULT 1456
US-08-815-795-5
; Sequence 5, Application US/08815795
; Patent No. 6271205
; GENERAL INFORMATION:
; APPLICANT: Ross, Alonzo H.
; APPLICANT: Recht, Lawrence D.
; APPLICANT: Lachyankar, Mahesh B.
; TITLE OF INVENTION: CANCER TREATMENT BY EXPRESSION OF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Iappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,795
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/310,287
; FILING DATE: 21-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, Patricia A.
; REGISTRATION NUMBER: 33,194
; REFERENCE/DOCKET NUMBER: WOZM-010CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-815-795-5

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2020 CTAGTCTAGTTGCTTT 2036
      1 CTGAGTCTAGTCTACTTT 17

RESULT 1457
US-09-527-234A-1/c
; Sequence 1, Application US/09527234A
; Patent No. 6284467
```

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; GENERAL INFORMATION:
; APPLICANT: KATUYAMA, Tomoharu,
; APPLICANT: MIYAHARA, Yuji,
; APPLICANT: MURAKAWA, Katsuji
; TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate for A
; TITLE OF INVENTION: for Manufacturing for ATGC, Method and Apparatus for Biochemi
; FILE REFERENCE: HIRA.0006/PH-882US
; CURRENT APPLICATION NUMBER: US/09/527,234A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: JP-356433/1999
; PRIOR FILING DATE: 1999-12-15
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sample DNA fragment
US-09-527-234A-1

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCCGCTCA 796
      17 CATTTCGTCGCGCTCA 1

RESULT 1458
US-09-527-234A-1/c
; Sequence 1, Application US/09527234A
; GENERAL INFORMATION:
; APPLICANT: KATUYAMA, Tomoharu,
; APPLICANT: MIYAHARA, Yuji,
; APPLICANT: MURAKAWA, Katsuji
; TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate for A
; TITLE OF INVENTION: for Manufacturing for ATGC, Method and Apparatus for Biochemi
; FILE REFERENCE: HIRA.0006/PH-882US
; CURRENT APPLICATION NUMBER: US/09/527,234A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: JP-356433/1999
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sample DNA fragment
US-09-527-234A-1

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCCGCTCA 796
      17 CATTTCGTCGCGCTCA 1

RESULT 1459
US-08-860-038-11/c
; Sequence 11, Application US/08860038
; Patent No. 6287762
; GENERAL INFORMATION:
; APPLICANT: CROUZET, Joel
; APPLICANT: SCHERMAN, Daniel
; APPLICANT: WILIS, Pierre
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION
; TITLE OF INVENTION: WITH AN IMMOBILIZED OLIGONUCLEOTIDE
```

NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Rhone-Poulenc Rorer Inc.  
STREET: 500 Arcola Road, Mailstop 3043  
CITY: Collegeville  
STATE: PA  
COUNTRY: USA  
ZIP: 19426  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/860,038  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 94/15162  
FILING DATE: 16-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO FR95/01468  
FILING DATE: 08-NOV-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Savitzky Esq., Martin F.  
REGISTRATION NUMBER: 29,699  
REFERENCE/DOCKET NUMBER: ST94090-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610) 454-3816  
TELEFAX: (610) 454-3808  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotide"  
US-08-860-038-11

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCCGGTCA 796  
Db 17 CATTTCAGCCGGTCA 1

RESULT 1460  
US-09-580-923-11/c  
Sequence 11, Application US/09580923  
Patent No. 6319672  
GENERAL INFORMATION:  
APPLICANT: Crouzet, Joel  
APPLICANT: Schermer, Daniel  
APPLICANT: Wils, Pierre  
APPLICANT: Cameron, Beatrice  
APPLICANT: Blanchet, Francis  
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN  
FILE REFERENCE: 03804.0138-01  
CURRENT FILING DATE: 2000-05-26  
PRIOR FILING DATE: 1997-06-03  
PRIOR APPLICATION NUMBER: 08/860,038  
PRIOR FILING DATE: 1997-06-03  
PRIOR APPLICATION NUMBER: PCT/FR95/01468  
PRIOR FILING DATE: 1995-11-08  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 11  
LENGTH: 17  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: oligonucleotide  
US-09-580-923-11

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCCGGTCA 796  
Db 17 CATTTCAGCCGGTCA 1

RESULT 1461  
US-09-228-324A-12/c  
Sequence 12, Application US/09228324A  
Patent No. 6335184  
GENERAL INFORMATION:  
APPLICANT: Reyes, Antonio A.  
APPLICANT: Wallace, Robert B.  
TITLE OF INVENTION: Linked linear Amplification of Nucleic Acids  
FILE REFERENCE: 3239-103P  
CURRENT FILING DATE: 1999-01-11  
PRIOR FILING DATE: 1997-04-02  
PRIOR APPLICATION NUMBER: US 08/826,532  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 12  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: (17)-  
OTHER INFORMATION: "non-replicable element"-ctct  
US-09-228-324A-12

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TACTTTGATCTTGG 1076  
Db 17 TACTTTGATCTTGG 1

RESULT 1462  
US-08-584-040-1488/c  
Sequence 1488, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066



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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1488:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-584-040-1488
;
; Query Match 0.6%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 82.4%; Pred. No. 7.2e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1722 TTAACCTTGAACATGAA 1738
; Db ||||| ||||| ||
; 17 TTAATTTGAACCTGAA 1
;
; RESULT 1463
; US-08-584-040-1522
; Sequence 1522, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2586:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-584-040-1522
;
; Query Match 0.6%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 64.7%; Pred. No. 7.2e+02;
; Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
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; QY 1365 TTCCAACTTCAAAAAG 1381
; Db : ||| : ||| |||
; 1 UAACUACUUAAGAAG 17
;
; RESULT 1464
; US-08-584-040-2586
; Sequence 2586, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2586:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-584-040-1522
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TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-584-040-2586

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.2e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Y 1777 ACCATAAGACAACTCC 1793  
||||:|||||:|||||  
b 1 ACCAAUUAUAAUACUCC 17

## RESULT 1465

S-08-584-040-2694  
Sequence 2694, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITILE OF INVENTION: TREATMENT OF DISEASES OR  
TITILE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITILE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITILE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2694:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-584-040-2694

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Y 890 TAACTATCAAGGACAC 906  
:||||:|||||  
b 1 UAAUUAUUAAGGAAC 17

## RESULT 1466

US-08-584-040-2704  
Sequence 2704, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITILE OF INVENTION: TREATMENT OF DISEASES OR  
TITILE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITILE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITILE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2704:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2704

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 7.2e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 1763 GATACTTTTATGCAACC 1779  
|:||||:|||||  
Db 1 GUUACUUUAUACAAC 17

## RESULT 1467

US-08-584-040-2762  
Sequence 2762, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

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; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2762:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2762

```

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 7.2e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

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QY 648 TGTGTCCTTTCTAAGT 664
Db 1 UGUCUCUCCUCAAU 17

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RESULT 1468
; US-08-584-040-4087/c
; Sequence 4087, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4087:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4087

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Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 129 CTATTATGACAAAGGCC 145
Db 17 CTATTATGAAATATGCC 1

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RESULT 1469
; US-08-584-040-4092
; Sequence 4092, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

```

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4092:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-584-040-4092

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 41.2%; Pred. No. 7.2e+02;  
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 119 TTGGAATTACTATTAT 135  
b 1 UUGGAACAUAUUCU 17

RESULT 1470

S-08-584-040-4220  
Sequence 4220, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4220:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4220

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 7.2e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATGGCGTGGG 474  
Db 1 CUGGACUUGGCUUGG 17

RESULT 1471

US-08-584-040-5529/c  
Sequence 5529, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5529:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5529

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 TTGGCCTGAATGGACCT 1520  
||||| ||||| ||||| |||||

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Db 17 TTGGACTCAATGGGCT 1
;
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5793:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5793
;
; Query Match 0.6%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 52.9%; Pred. No. 7.2e+02;
; Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
;
QY 458 CTGTGAATTGGGCTGGG 474
Db 1 CUGUGACUUGGCUUGG 17
;
; RESULT 1474
; US-08-584-040-5943
; Sequence 5943, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
;
; RESULT 1473
; US-08-584-040-5628/c
; Sequence 5628, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5628:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5628
;
; Query Match 0.6%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 82.4%; Pred. No. 7.2e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1138 CTGGAGAAGATCAACA 1154
Db 17 CTTGACGACAGCAACA 1
;
; RESULT 1473
; US-08-584-040-5793
; Sequence 5793, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
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SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
JS-58-584-040-7629

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1521 CTCGAGCTCTGGCTTCC 1537  
Db 1 CACGAGCUCCAGCUCC 17

RESULT 1477  
US-08-679-645-117  
; Sequence 117, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 117:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
JS-08-679-645-117

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.2e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 448 ACGGACATCGCTGTGAA 464  
Db 1 AAGUACAUCGCCGUGAA 17

RESULT 1478  
US-08-679-645-243  
; Sequence 243, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 243:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-679-645-243

QY 2028 GTTCTCTTTTCAGATA 2044  
Db 1 GUTUCGUUUAUGGAUA 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 35.3%; Pred. No. 7.2e+02;  
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

## RESULT 1479

US-08-679-645-691/c  
Sequence 691, Application US/08679645  
Patent No. 6350934

## GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 691:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-679-645-691

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 83 CCGGAGGAAAGTCTGT 99

b 17 CCGGAGGAAATCTGT 1

## RESULT 1480

US-08-679-645-711  
Sequence 711, Application US/08679645  
Patent No. 6350934

## GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 711:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-679-645-711

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1027 ACGAGATCCCTATGA 1043

Db 1 AAGGAAUCCUGAUGA 17

## RESULT 1481

US-08-679-645-885  
Sequence 885, Application US/08679645  
Patent No. 6350934

## GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.





## ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:

INFORMATION FOR SEQ ID NO: 41:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-599-738A-41

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1394 AACAGAGGATGAAAA 1410  
||| ||| ||| ||| |||  
b 1 AAGAAAGGAGGAAAA 17

ESULT 1484

S-09-593-012-132/c  
Sequence 132, Application US/09593012  
Patent No. 6387652

## GENERAL INFORMATION:

APPLICANT: HAUGLAND, Richard  
APPLICANT: VESPER, Stephen  
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA  
FILE REFERENCE: HAUGLAND-1A  
CURRENT APPLICATION NUMBER: US/09/593,012  
CURRENT FILING DATE: 2000-06-13  
PRIOR APPLICATION NUMBER: US 09/290,990  
PRIOR FILING DATE: 1999-04-14  
PRIOR APPLICATION NUMBER: US 60/081,773  
PRIOR FILING DATE: 1998-04-15  
NUMBER OF SEQ ID NOS: 225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 132  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Penicillium corylophilum  
S-09-593-012-132

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 10 CGCGGCGGAGGCGG 26  
||| ||| ||| ||| |||  
b 17 CGCGGCGGAGGCGG 1

RESULT 1485

S-09-124-523-163/c  
Sequence 163, Application US/09124523  
Patent No. 6395960

## GENERAL INFORMATION:

APPLICANT: ST. GEORGE-HYSLOP, PETER H  
APPLICANT: ROMWENS, JOHANNA M  
APPLICANT: FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:

ADDRESSER: TESTA, HURWITZ & THIBEAULT  
STREET: High Street tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts

COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/124,523  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 163:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-124-523-163

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTAATGGAGATG 816  
||| ||| ||| ||| |||  
Db 17 CGAACGTGATGGAGATG 1

RESULT 1486

US-09-527-233B-1/c  
Sequence 1, Application US/09527233B  
Patent No. 6428749

## GENERAL INFORMATION:

APPLICANT: KAWIYAMA, Tomoharu,  
APPLICANT: MIYAHARA, Yuji,  
APPLICANT: MURAKAWA, Katsuji  
TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate  
for ATGC, Method for Manufacturing for ATGC, Method and Apparatus  
TITLE OF INVENTION: for ATGC, Method for Biochemical Reaction, and Storage Medium  
FILE REFERENCE: PH-790US  
CURRENT APPLICATION NUMBER: US/09/527,233B  
CURRENT FILING DATE: 2000-03-16  
PRIOR APPLICATION NUMBER: JP-356433/1999  
PRIOR FILING DATE: 1999-12-15  
NUMBER OF SEQ ID NOS: 7  
SEQ ID NO 1  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: sample DNA fragment  
US-09-527-233B-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCACGCCGTCA 796  
||| ||| ||| ||| |||  
Db 17 CATTTCACGCCGTCA 1

RESULT 1487

US-09-512-021-5  
; Sequence 5, Application US/09512021  
; Patent No. 6485909  
; GENERAL INFORMATION:  
; APPLICANT: HONG, GUOFAN  
; APPLICANT: HUANG, WEI-HUA  
; TITLE OF INVENTION: DNA POLYMERASE HAVING ABILITY TO REDUCE INNATE  
; TITLE OF INVENTION: SELECTIVE DISCRIMINATION AGAINST FLUORESCENT  
; TITLE OF INVENTION: DYE-LABELLED DIDEOXYNUCLEOTIDES  
; FILE REFERENCE: hongsequencelisting  
; CURRENT APPLICATION NUMBER: US/09/512,021  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 09/157,397  
; PRIOR FILING DATE: 1998-09-21  
; PRIOR APPLICATION NUMBER: 08/544,643  
; PRIOR FILING DATE: 1995-10-18  
; PRIOR APPLICATION NUMBER: 08/642,684  
; PRIOR FILING DATE: 1996-05-03  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.0 - beta  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Bacillus stearothermophilus  
US-09-512-021-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCGCGGGTCA 796  
|||||  
DB 1 CATTTCGCGGGTCA 17

RESULT 1488  
US-09-636-796A-163/c  
; Sequence 163, Application US/09636796A  
; Patent No. 6485911  
; GENERAL INFORMATION:  
; APPLICANT: ST. GEORGE-HYSLOP, PETER H  
; APPLICANT: ROMMENS, JOHANNA M  
; APPLICANT: FRASER, PAUL E  
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
; TO ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 183  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
; STREET: High Street Tower - 125 High Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/636,796A  
; FILING DATE: 11-Aug-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/592,541  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 163:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 163:  
US-09-636-796A-163

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTAATGAGATG 816  
|||||  
DB 17 CGAACGTGATGGAGATG 1

RESULT 1489  
US-09-470-661A-11  
; Sequence 11, Application US/09470661A  
; Patent No. 6500662  
; GENERAL INFORMATION:  
; APPLICANT: Pfizer Products Inc.  
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE  
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS AND  
; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: PC10278A  
; CURRENT APPLICATION NUMBER: US/09/470,661A  
; CURRENT FILING DATE: 1999-12-22  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer,  
; OTHER INFORMATION: reverse strand, used for determining cDNA  
; OTHER INFORMATION: corresponding to No. 6500662th American PRRS virus genome.  
US-09-470-661A-11

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 331 CAGATGCAGATTCAA 347  
|||||  
DB 1 CAGATGCAGATTCAA 17

RESULT 1490  
US-09-474-432B-342/c  
; Sequence 342, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo  
; FILE REFERENCE: MBH800-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 342  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-342

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1244 GCGATGAGCAGGAC 1260  
b 17 GCGATGAGCAGGTAGCC 1

RESULT 1491  
S-09-474-432B-454/c  
Sequence 454, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 454  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-474-432B-454

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 782 TTTTCAGCGGTCATG 798  
b 17 TTTTCAGCAGGTGAGG 1

RESULT 1492  
S-09-474-432B-492/c  
Sequence 492, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo  
FILE REFERENCE: MBH00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 492  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-492

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GCCTACCGAATCGCA 172  
Db 17 GCCTCGCACAAATCGCA 1

RESULT 1493  
US-09-371-772B-33/c  
Sequence 33, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 33  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-33

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1722 TTAACTTTGAACTAA 1738  
Db 17 TTAATTTTGAACTGAA 1

RESULT 1494  
US-09-371-772B-67  
Sequence 67, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/1198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 67  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-67

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1365 TTCCAACTTCAAAAAAG 1381  
: |||:|||||  
Db 1 UACCUACUUAAGAAG 17

RESULT 1495  
US-09-371-772B-1110  
; Sequence 1110, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/1198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1110  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1110

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 7.2e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1777 ACCATAAGACAAACTCC 1793  
|||:|||||  
Db 1 ACCAUAUAUAUCCUCC 17

RESULT 1496  
US-09-371-772B-1218  
; Sequence 1218, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/1198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1218  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1218

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906  
: |||:|||||  
Db 1 UAACUUUUAAGGAAC 17

RESULT 1497  
US-09-371-772B-1228  
; Sequence 1228, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/1198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1228  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1228

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 7.2e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1763 GATACCTTTATGCAACC 1779  
: |||:|||||  
Db 1 GUUACUUUAUACAAAC 17

RESULT 1498  
US-09-371-772B-1286  
; Sequence 1286, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1286  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 S-09-371-772B-1286

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 41.2%; Pred. No. 7.2e+02;  
 Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 648 TGTGTCCTTTCATAAGT 664  
 :||:||||:||||:  
 b 1 UGUCUCCUCCAUAAU 17

RESULT 1499  
 S-09-371-772B-1854/c  
 Sequence 1854, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1854  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 S-09-371-772B-1854

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 129 CTATTATGGACAGGCC 145  
 |||||  
 b 17 CTATTATGAAATGCC 1

RESULT 1500  
 S-09-371-772B-1859  
 Sequence 1859, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime

APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1859  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-371-772B-1859

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 41.2%; Pred. No. 7.2e+02;  
 Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 119 TTGGAATTTACTATTAT 135  
 :||:||||:||||:  
 Db 1 UUGGAAAUCAUUAUCU 17

RESULT 1501  
 US-09-371-772B-1987  
 Sequence 1987, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MHB00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1987  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-371-772B-1987

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 52.9%; Pred. No. 7.2e+02;  
 Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATTTGGCTGGG 474  
 ||:||||:||||:  
 Db 1 CUGGACUUGGCUUGG 17

RESULT 1502  
 US-09-371-772B-2420/c  
 Sequence 2420, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Pavco, Pam  
 APPLICANT: McSwiggen, Jim  
 APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2420
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2420

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 TTGGCCTGAATGGACCT 1520
Db 17 TTGACTCAATGGCCT 1

RESULT 1503
US-09-371-772B-2518/c
; Sequence 2518, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2518
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2518

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1138 CTGAGAGCATCAACA 1154
Db 17 CTGAGCAGACCAACA 1

RESULT 1504
US-09-371-772B-2659
; Sequence 2659, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2659

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATTGGGCTGGG 474
Db 1 CUGUGACUUCGCUUGG 17

RESULT 1505
US-09-371-772B-2780
; Sequence 2780, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2780

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 7.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 2042 ATACTATTTTCATTTT 2058
Db 1 AUUGAUUUUUAUUUU 17

RESULT 1506
US-09-371-772B-3285
; Sequence 3285, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)





; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4438  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-371-772B-4438

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.2e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1435 GAAGTCACCGAAGAG 1451  
||:|||||  
Db 1 GACGUAACUGAAGAGGA 17

RESULT 1511  
US-09-371-772B-4643  
; Sequence 4643, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4643  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-371-772B-4643

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.2e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1433 AAGAAGTCACCGAAGAG 1449  
||:|||||  
Db 1 AAAGAGUCACAGAAGAG 17

RESULT 1512  
US-09-371-772B-4785  
; Sequence 4785, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4785  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-371-772B-4785

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.2e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1738 AAGGTGCCAGGTCTGG 1754  
||:|||||  
Db 1 AAUGGAGCCAGGCCUUG 17

RESULT 1513  
US-09-371-772B-4864/C  
; Sequence 4864, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4864  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-371-772B-4864

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1020 CCTGGATACGGAGATCC 1036  
||:|||||  
Db 17 CCTGGGTATGGAGACCC 1

RESULT 1514  
US-09-371-772B-5043/C  
; Sequence 5043, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5043  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-5043

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 710 CTGGCAAAAGCAAGTAT 726  
|||||  
b 17 CTGGCAAAAGCTAGTTT 1

RESULT 1515  
S-09-371-772B-5213  
Sequence 5213, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5213  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-5213

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 7.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Y 1892 GGCTCTTAAGTAACAT 1908  
|||||  
b 1 GGCUCUCCUAGUAAGAU 17

RESULT 1516  
S-09-371-772B-5274  
Sequence 5274, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5274  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5274

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 7.2e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1543 AGTCCTCACGTTTCTT 1559  
|||||  
Db 1 AGUCAGUCACGUUCCU 17

RESULT 1517  
US-09-371-772B-6490  
Sequence 6490, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6490  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6490

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.2e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 994 TGCAGGACATATGAGAC 1010  
|||||  
Db 1 UGCAGGACCAAGGAGAC 17

RESULT 1518  
US-09-371-772B-6694/c  
Sequence 6694, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6694  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6694

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 398 TGTCTACTGGTGGTCT 414  
DB 17 TGGCTACTGGTGGTCT 1

RESULT 1519  
US-09-476-387-341/c  
; Sequence 341, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MBHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 341  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-341

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 GCGATGACGACGACGAC 1260  
DB 17 GCGATGACGACGTAGCC 1

RESULT 1520  
US-09-476-387-453/c  
; Sequence 453, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MBHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 453  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-453

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 TTTTCAAGCGGTCATG 798  
DB 17 TTTTCAAGCGGTCAGG 1

RESULT 1521  
US-09-476-387-491/c  
; Sequence 491, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MBHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 491  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-491

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GCCTACCGAATCCGCA 172  
DB 17 GCCTCGCAATCCGCA 1

ESULT 1522

S-09-401-063-402/c  
Sequence 402, Application US/09401063  
Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/401,063

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/985,162

FILING DATE: 04 December 1997

APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 402:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-401-063-402

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Patent No. 6623962

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 79 GGACCCGGAGGAAGT 95

3 17 GGCACTGGGAGGAAGT 1

ESULT 1523

S-09-401-063-601/c

Sequence 601, Application US/09401063

Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 601:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-601

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1041 TGAGCTTCCATCAATG 1057

Db 17 TGAGTTTCAAAACAATG 1

RESULT 1524

US-09-401-063-634

Sequence 634, Application US/09401063

Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 634:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-401-063-634

```

```

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      176 CTCATAATTGCTGCTC 192
      ||:||||:| ||:|
Db      1 CUCCUAAUUGAGGCUC 17

```

```

RESULT 1525
US-09-401-063-635
; Sequence 635, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 635:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-401-063-635

```

```

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      177 TCATAATTGCTGCTCA 193
      ||:||||:| ||:|
Db      1 UCCUAAUUGAGGCUCA 17

```

```

RESULT 1526
US-09-401-063-701/c
; Sequence 701, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

```

STRANDEDNESS: single  
TOPOLOGY: linear  
IS-09-401-063-701

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 414 TGTGGCAAGTCTCTGA 430  
b 17 TGTGGCCAGAGCTGTAA 1

RESULT 1527  
IS-09-827-998-103/c  
Sequence 103, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 103  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
IS-09-827-998-103

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1975 GCCTGCCCTCTGTCTGT 1991  
b 17 GCCTCCAGTCTGTCTGT 1

RESULT 1528  
IS-09-827-998-171  
Sequence 171, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 171  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
IS-09-827-998-171

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2049 TTTCATTTTGTGAGCC 2065  
Db 1 TTGCATTTTGTGCCCC 17

RESULT 1529  
US-09-827-998-172  
Sequence 172, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 172  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-172

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2050 TTTCATTTTGTGAGCCT 2066  
Db 1 TGCATTTTGTGCCCT 17

RESULT 1530  
US-09-827-998-316  
Sequence 316, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 316  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-316

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1401 GGATGAAGAAGAGAAAG 1417  
Db 1 GAAGGAAGAAGAGAAAG 17

RESULT 1531

```
US-09-827-998-522
; Sequence 522, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 522
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-522

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1372 TTCAAAAAGCCCAAGAG 1388
Db 1 TTCAAAGGACCAAGAG 17

RESULT 1532
US-09-827-998-523
; Sequence 523, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 523
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-523

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1373 TCAAAAAGCCCAAGAGA 1389
Db 1 TCAAAAGGACCAAGAGA 17

RESULT 1533
US-09-827-998-583
; Sequence 583, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-583

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1462 GAGGAGAGCCGAGAGC 1478
Db 1 GAGTCAAGCGAGAGC 17

RESULT 1534
US-09-827-998-633/c
; Sequence 633, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 633
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-633

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 834 GGTCTTACAGTGTGGCT 850
Db 17 GCTCTGCCAGTGTGGCT 1

RESULT 1535
US-09-827-998-804
; Sequence 804, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 804  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-804

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 408 TGGTCTGTGGCAAGTG 424  
|||||  
b 1 TGGTCTGTAGAAAGAG 17

RESULT 1536  
US-09-827-998-805  
Sequence 805, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMORF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 805  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-805

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 409 GGTTCGTGGCAAGTGC 425  
|||||  
b 1 GGTTCGTAGAAAGAGC 17

RESULT 1537  
US-09-827-998-806  
Sequence 806, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMORF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 806  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-827-998-806

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 410 GTTCTGTGGCAAGTGC 426  
|||||  
Db 1 GTTCTGTAGAAAGAGCT 17

RESULT 1538  
US-09-827-998-813  
Sequence 813, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMORF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 813  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-813

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1412 AGAAGACCCAGAGGAG 1428  
|||||  
Db 1 AGAAGAGCTAGGGGAG 17

RESULT 1539  
US-09-866-108A-245/c  
Sequence 245, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ABOmica-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669



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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-245

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1334 AAGAGGAGGGAGGGG 1350
Db 17 AAGAGGAGGGGCGAGG 1

RESULT 1540
US-09-866-108A-378/c
; Sequence 378, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 557
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-557

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 678 CCCAGGAAGTGGGACC 694
Db 1 CCCAGGAGCTGGGCTCC 17

RESULT 1542
US-09-866-108A-925/c
; Sequence 925, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 925
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-925

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      377 GCCTGTTGAGTTCGT 393
      ||||| ||||| |||||
b      17 GCCTCTTCAGCTCTGT 1

RESULT 1543
S-09-866-108A-968/c
Sequence 968, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 925
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-925

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      377 GCCTGTTGAGTTCGT 393
      ||||| ||||| |||||
b      17 GCCTCTTCAGCTCTGT 1

RESULT 1543
S-09-866-108A-968/c
Sequence 968, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 925
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-925

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      377 GCCTGTTGAGTTCGT 393
      ||||| ||||| |||||
b      17 GCCTCTTCAGCTCTGT 1

RESULT 1543
S-09-866-108A-1241
Sequence 1241, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1241
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1241
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 968
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-968

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      468 GGCTGGGGGCGCTGCACC 484
      ||||| ||||| |||||
Db      17 GGCTTGGGGCGCTGCTCC 1

RESULT 1544
US-09-866-108A-1241
Sequence 1241, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1241
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1241
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Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 898 AAGGACAGCCCAAGTG 914  
| | | | | | | | | | | | | | | | |  
Db 1 AGAAGACAGCCCAAGTG 17

RESULT 1545  
US-09-866-108A-1324  
; Sequence 1324, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1324  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1434

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1203 AATGCAGGCGATTCCTG 1219  
| | | | | | | | | | | | | | | | |  
Db 1 AAGGCAGGTGAGTCCTG 17

RESULT 1546  
US-09-866-108A-1434  
; Sequence 1434, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1434  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1434

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 51 GGAGCGGACGACGATGG 67  
| | | | | | | | | | | | | | | | |  
Db 1 GGAGGTGAGCAGATGG 17

RESULT 1547  
US-09-866-108A-1535  
; Sequence 1535, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664

```
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
BEST LOCAL SIMILARITY 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 464 ATTGGGCTGGGGGCTG 480
Db 1 ATGGGCTGGTGCCTG 17

RESULT 1548
US-09-866-108A-1540
Sequence 1540, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1535
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1535

Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

b/ 464 ATTGGGCTGGGGGCTG 480
b/ 1 ATGGGCTGGTGCCTG 17

RESULT 1548
US-09-866-108A-1540
Sequence 1540, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1540
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1540
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Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1012 GCTGTGGCCCTGGATAC 1028
Db 1 GCTGTGGCCCTGGAGAC 17

RESULT 1549
US-09-866-108A-1546
Sequence 1546, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1546

Query Match
Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1018 GCCCTGGATACGAGAT 1034
Db 1 GCCCTGGAGACAGACT 17

RESULT 1550
US-09-866-108A-1613/c
Sequence 1613, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
```

```
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1613
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1613

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1923 TTGGTTCCTCTTCGTA 1939
Db 17 TTGGTTCCTCTTCGTA 1

RESULT 1551
US-09-866-108A-2237/c
; Sequence 2237, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1613
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1613
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2237
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2237

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1281 GATCTGCTCTCTGACA 1297
Db 17 GATCTCTCCACTGACA 1

RESULT 1552
US-09-866-108A-2323
; Sequence 2323, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2323
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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S-09-866-108A-2323

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 593 TTCCATGGTGACGGC 609  
||| ||||| |||  
b 1 TTCTCCATGGTGATGC 17

RESULT 1554

US-09-866-108A-2324  
Sequence 2324, Application US/09866108A  
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 2324

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-2324

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 594 TCACCATGGTGACGGC 610  
||| ||||| |||  
b 1 TTCTCCATGGTGATGC 17

RESULT 1554

US-09-866-108A-2554/C

Sequence 2554, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2847
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2847

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1443 CGAGGAGGAGAAACCA 1459
Db      1 CGAGGATGAGAAACCA 17

RESULT 1556
US-09-866-108A-5905
/ Sequence 5905, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5905
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5905

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1443 CGAGGAGGAGAAACCA 1459
Db      1 CGAGGATGAGAAACCA 17

RESULT 1556
US-09-866-108A-5905
/ Sequence 5905, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5905
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5905
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/ ORGANISM: Homo sapiens
US-09-866-108A-5905

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      844 TGTGCTCAGACTCCCT 860
Db      1 TGTGATCAAAATCCCT 17

RESULT 1557
US-09-866-108A-6069
/ Sequence 6069, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6069
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6069

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1506 GGCCTGAATGGACCTCT 1522
Db      1 GGACTGAGGGTCCTCT 17

RESULT 1558
US-09-866-108A-6306
/ Sequence 6306, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6827

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CTCAGGCGAGCTGTGCT 1675
DB 1 CTCAGGCGAGGTGTGAT 17

RESULT 1561
US-09-866-108A-7461/c
; Sequence 7461, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7461
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7462

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1206 GCAGCGGATTCCTGAGG 1222
DB 17 GCAGCGGTTTCTGAGG 1

RESULT 1563
US-09-866-108A-7463/c
; Sequence 7463, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7461

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1207 CAGCGGATTCCTGAGGA 1223
DB 17 CAGACGCTTCTGAGGA 1

RESULT 1562
US-09-866-108A-7462/c
; Sequence 7462, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7463
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-7463

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1205 TGCAGCGCATCTCTGAG 1221
      ||||| ||||| |||||
b 17 TGCAGACGCTTCTGAG 1

RESULT 1564
S-09-866-108A-7844
Sequence 7844, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7844
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7844

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 439 AAGCAGCAGCAGGACAT 455
      ||||| ||||| |||||
Db 1 AAGCAGCAGGTCGAGAT 17

RESULT 1565
US-09-866-108A-7845/c
Sequence 7845, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7845
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7845

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1275 CATCTCGATCTGCTCCT 1291
      ||||| ||||| |||||
Db 17 CATCTCCACTGCTGCT 1

RESULT 1566
US-09-866-108A-7846/c
Sequence 7846, Application US/09866108A
Patent No. 6686188
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; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7846
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7846

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1274 GCATCTCGATCGCTCC 1290
Db 17 GCATCTCCACCTGCTGC 1

RESULT 1567
US-09-866-108A-8300/c
; Sequence 8300, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7846
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7846

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1274 GCATCTCGATCGCTCC 1290
Db 17 GCATCTCCACCTGCTGC 1
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8300
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8300

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1282 ATCTGCTCTCTGACAA 1298
Db 17 AGCTGCACGCTGACAA 1

RESULT 1568
US-09-866-108A-8301/c
; Sequence 8301, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
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SEQ ID NO 8301
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8301

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1281 GATCTGCTCTCTGACA 1297
b 17 GAGCTGACGCTGACA 1

ESULT 1569
S-09-866-108A-8357
Sequence 8357, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8557
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8557

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACG 1261
Db 1 CGATGAGGACGAGATG 17

RESULT 1571
US-09-866-108A-8558
Sequence 8558, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8357
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8357

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1129 AATGAGTACCTGGAGAA 1145
b 1 AAGAGGAGCTGGAGAA 17

ESULT 1570
S-09-866-108A-8557
Sequence 8557, Application US/09866108A
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8558
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8558

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 GATGAGGACGAGACGAC 1262
      |||||
DB 1 GATGAGGACCGAGTGA 17

RESULT 1572
US-09-866-108A-8559
; Sequence 8559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8558
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8558

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 GATGAGGACGAGACGAC 1262
      |||||
DB 1 GATGAGGACCGAGTGA 17

RESULT 1572
US-09-866-108A-8559
; Sequence 8559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
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; Patent No. 6686188
; SEQ ID NO 8559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8559

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 ATGAGGACGAGACGAC 1263
      |||||
DB 1 ATGAGGACCGAGTGA 17

RESULT 1573
US-09-866-108A-8560
; Sequence 8560, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8560

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1248 TGAGGACGAGACGAC 1264
      |||||
DB 1 TGAGGACCGAGTGA 17

RESULT 1574
US-09-866-108A-8654
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Sequence 8654, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8654

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

S-09-866-108A-8654

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Mismatches 0; Conservative 0; Gaps 0;

Indels 3; Mismatches 3; Indels 0; Gaps 0;

Y 2004 CTGAGCTGGAGGTTC 2020

b 1 CTGAGCTGGAGGAAGC 17

RESULT 1575

S-09-866-108A-8662

Sequence 8662, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8662

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8662

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Mismatches 0; Conservative 0; Gaps 0;

Indels 3; Mismatches 3; Indels 0; Gaps 0;

QY 1449 GGAGAAACCAAGG 1465

Db 1 GGAGGAAGCAAGG 17

RESULT 1576

US-09-866-108A-8663

Sequence 8663, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755



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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8903
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8903

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      953 TGCTGGAGCGCTGCT 969
      ||||| ||||| |||||
b      17 TGCTGGAGCTCGAGGT 1

3SULT 1580
3-09-866-108A-9020/c
Sequence 9020, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9072
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9072

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1515 ATCGACCTCTCCAGCTC 1529
      ||||| ||||| |||||
Db      17 ACGTACTTCTCCAGCTC 1

RESULT 1581
US-09-866-108A-9072/c
Sequence 9072, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9072
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9072

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1515 GGACCTCTCCAGCTCTG 1531
      ||||| ||||| |||||
Db      17 GGATGTCTCCAGGTCTG 1
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RESULT 1582
US-09-866-108A-9073/c
; Sequence 9073, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9073
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9073

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1514 TGGACCTCTCCAGTCT 1530
DB 17 TGGATGTCTCCAGGTCT 1

RESULT 1583
US-09-866-108A-9074/c
; Sequence 9074, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9073
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9073

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1514 TGGACCTCTCCAGTCT 1530
DB 17 TGGATGTCTCCAGGTCT 1
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RESULT 1584
US-09-866-108A-9075/c
; Sequence 9075, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9074
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9074

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1513 ATGGACCTCTCCAGTCT 1529
DB 17 ATGGATGTCTCCAGGTCT 1

RESULT 1584
US-09-866-108A-9075/c
; Sequence 9075, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9074
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9074
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Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9075  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-09-866-108A-9075

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1512 AATGGACCTCTCCAGT 1528  
|||||  
b 17 AATGGATGCTCCAGT 1

ESULT 1585  
S-09-866-108A-9078/c  
Sequence 9078, Application US/09866108A  
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aecomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 9078

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

S-09-866-108A-9078

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1509 CTGAATGGACCTCTCCA 1525  
|||||  
b 17 CCGAATGGATGCTCCA 1

RESULT 1586

US-09-866-108A-9228/c

; Sequence 9228, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9228

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-9228

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1973 CTGCCTGCCCTCTGCT 1989

|||||

Db 17 CAGGCTGCCCTCTGCT 1

RESULT 1587

US-09-866-108A-9244

; Sequence 9244, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9244
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9244

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1668 GCTGTGCTGGTGAGCT 1684
DB 1 GCAGTCCCTGGTTGAGCT 17

RESULT 1588
US-09-866-108A-9891
; Sequence 9891, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10189
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10189

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1431 GAAAGAAGTCACCGAAG 1447
DB 17 GGAGGAAGTCATCGAAG 1
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```

: LENGTH: 18 bases
: TYPE: NUCLEIC ACID
: STRANDEDNESS: Single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: ANTI-SENSE: yes
US-07-702-163B-2

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Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels

Qy	1936	CGTACCTTCCCAC	TGGC	1952
Db	2	CGTGCCTCCTCAC	TGGC	18

RESULT 1593  
US-07-854-596B-17/c  
Sequence 17, Application US/07854596B  
Patent No. 5434073  
GENERAL INFORMATION:  
APPLICANT: Dawson, Keith M  
APPLICANT: Hunter, Michael G  
APPLICANT: Czaplowski, Lloyd G  
TITLE OF INVENTION: Proteins and nucleic acids  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dr. John J. McDonnell  
STREET: Ten South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606

```

: Mar. 08000
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: 03-JUN-19  
 FILING DATE: 03-JUN-19  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: McDonnell, John  
 REGISTRATION NUMBER: 2  
 REFERENCE/DOCKET NUMBER:  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 312-715-1000  
 TELEFAX: 312-715-1234  
 TELEX: 910-221-5317  
 INFORMATION FOR SEQ ID NO:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 FEATURE:

```

; LOCATION: 1.18
; OTHER INFORMATION: /note= "oligonucleotide BB2358"
JS-07-854-596B-17

```

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels

QY	1275	CATCTCGATCTGCTCCT	1291
Db	18	CATCAGCCTGCTCAT	2

RESULT 1594  
US-08-050-743-39  
; Sequence 39, Application US/08050743  
; Patent No. 5447839  
; GENERAL INFORMATION:  
; APPLICANT: Bauer, Heidi M.  
; APPLICANT: Greer, Catherine E.  
; APPLICANT: Manos, Michele  
; APPLICANT: Resnick, Robert M.  
; APPLICANT: Ting, Yi  
; TITLE OF INVENTION: Detection of Human Papillomavirus by the  
; TITLE OF INVENTION: Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.A.  
; ZIP: 07110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,743  
FILING DATE:

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/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Stas, Stacey R.
/   REGISTRATION NUMBER: 32,633
/   REFERENCE/DOCKET NUMBER: 8
/ TELECOMMUNICATION INFORMATION
/   TELEPHONE: (510) 814-2863
/   TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 39:
/   SEQUENCE CHARACTERISTICS:
/     LENGTH: 18 base pairs
/     TYPE: nucleic acid
/     STRANDEDNESS: single
/     TOPOLOGY: linear
/   MOLECULE TYPE: DNA (genomic)
/ US-08-050-743-39

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Query Match	0.6%;	Score 12.2;	DB 1;	Length 18;
Best Local Similarity	82.4%;	Pred. No. 8.1e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 561 TCACCAGAGGGTGTCTGT 577  
Db 1 TCACCAGATGTTGCAGT 17

RESULT 1595  
US-08-244-113-21/c  
Sequence 21, Application US/08244113  
Patent No. 5455181  
GENERAL INFORMATION:  
APPLICANT: Strube, Karl-Hermann  
APPLICANT: Bialojan, Siegfried  
APPLICANT: Kroeger, Burkhard  
APPLICANT: Friedrich, Thomas  
TITLE OF INVENTION: No. 5455181e  
TITLE OF INVENTION: leeches.  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Keil & Weinkauff  
STREET: 1101 Connecticut Avenue  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage  
COMPUTER: IBM AT-compatible, 80486 processor  
OPERATING SYSTEM: MS-DOS version 6.0  
SOFTWARE: WordPerfect version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,113  
FILING DATE:  
CLASSIFICATION: 530  
CLASSIFICATION: C07K 73/10  
CLASSIFICATION: A61K 37/64  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP92/02661  
FILING DATE: 19-NOV-1992  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-244-113-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.le+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 639 GGTCATGACTGTGTCCT 655  
||||| |||||  
b 18 GGTCATGACTGTGTCCT 2

RESULT 1596  
S-08-156-020-11/c  
Sequence 11, Application US/08156020  
Patent No. 5474920  
GENERAL INFORMATION:  
APPLICANT: Moses M.D., Robb E.  
TITLE OF INVENTION: Modified Thermo-Resistant DNA  
TITLE OF INVENTION: Polymerases  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff  
STREET: 10 South Wacker Drive  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/156,020  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield Ph.D., Michael S.  
REGISTRATION NUMBER: 37,142  
REFERENCE/DOCKET NUMBER: 93,413  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)715-1000  
TELEFAX: (312)715-1234  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
HYPOTHETICAL: NO  
FEATURE:  
NAME/KEY: -

LOCATION: 1..18  
OTHER INFORMATION: /note= "PCR reverse primer used for  
OTHER INFORMATION: FUC18"  
US-08-156-020-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.le+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTGTCCT 655  
||||| |||||  
Db 18 GGTCATGACTGTGTCCT 2

RESULT 1597  
US-08-474-542A-191  
Sequence 191, Application US/08474542A  
Patent No. 5527898  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Impraum, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
TITLE OF INVENTION: Polymerase Chain Reaction  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/474,542A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9234  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 191:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-474-542A-191

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.le+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 TCACCAGAGGTGCTGT 577  
||||| |||||  
Db 1 TCACCAGATGTGCAGT 17

RESULT 1598  
US-08-271-942A-108/c  
Sequence 108, Application US/08271942A  
Patent No. 5550020

GENERAL INFORMATION:  
APPLICANT: Gallie, Brenda L.  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
of Infection and Targeted Screening for Retinoblastoma  
NUMBER OF SEQUENCES: 123  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Opedahl & Larson  
STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/271,942A  
FILING DATE: 08-JUL-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
NAME/KEY: primer for exon 21 of human RB1 gene  
US-08-271-942A-108  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2042 ATACTATTTTCATTTT 2058  
Db 18 ATACATTTTCTTCT 2  
RESULT 1599  
US-08-164-200-13  
Sequence 13, Application US/08164200  
Patent No. 5552390  
GENERAL INFORMATION:  
APPLICANT: Scholar, Eric M.  
APPLICANT: Iverson, Patrick L.  
TITLE OF INVENTION: Phosphorothioate Inhibitors of Metastatic  
Breast Cancer  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Zarley, McKee, Thome, Voorhees, & Sease  
STREET: 801 Grand Avenue Suite 3200  
CITY: Des Moines

STATE: Iowa  
COUNTRY: United States  
ZIP: 50309  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/164,200  
FILING DATE: December 9, 1993  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Nebel, Heidi Sease  
REGISTRATION NUMBER: P-37,719  
REFERENCE/DOCKET NUMBER: UNMC #63054  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (515) 288-3667  
TELEFAX: (515) 288-1338  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-164-200-13  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 706 GGGGTGGCAAGGCAA 722  
Db 2 GGTGGTGGCACAGCAA 18  
RESULT 1600  
US-08-411-795B-208/c  
Sequence 208, Application US/08411795B  
Patent No. 5604116  
GENERAL INFORMATION:  
APPLICANT: Abrams, Mark A.  
APPLICANT: Bauer, S. C.  
APPLICANT: Braford-Goldberg, Sarah R.  
APPLICANT: Caparon, Mairé H.  
APPLICANT: Easton, Alan M.  
APPLICANT: Klein, Barbara K.  
APPLICANT: McKearn, John P.  
APPLICANT: Olins, Peter O.  
APPLICANT: Paik, Kuman  
APPLICANT: Thomas, John W.  
TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation  
NUMBER OF SEQUENCES: 415  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
ADDRESSEE: Corporate Patent Dept.  
STREET: P. O. Box 5110  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/411,795B  
FILING DATE: 04-JUN-1995

CLASSIFICATION: 424  
PRIOR APPLICATION DATA: US 07/981,044  
APPLICATION NUMBER: 24-NOV-1992  
FILING DATE: 24-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11197  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6881  
INFORMATION FOR SEQ ID NO: 208:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
S-08-411-795B-208

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1250 AGGACGAGACGACCT 1266  
| | | | | | | | | | | | | | | | | |  
b 17 ATGACGAGACGCTCT 1

RESULT 1601  
S-08-390-850-1078  
Sequence 1078, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1127:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-1127

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1078:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-1078

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 47.1%; Pred. No. 8.1e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAACCTGCCTATGCTG 951  
: : : : : : : : : : : : : : : : : :  
Db 1 UUCUCGUGCCUGUGUG 17

RESULT 1602  
US-08-390-850-1127  
Sequence 1127, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1127:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-1127



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Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1089 GCTCCACATCAGTCTT 1105
DB 1 11111111111111111111
2 GAUCCAGAUUCUCCUU 18

RESULT 1603
US-08-319-492B-737/c
; Sequence 737, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 737:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-319-492B-737

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGG 1349
DB 1 11111111111111111111
18 GAAGAGGAGGAGG 2

RESULT 1604
```

```
US-08-060-984-2
; Sequence 2, Application US/08060984
; Patent No. 5627158
; GENERAL INFORMATION:
; APPLICANT: Yoon S. Cho-Chung
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR TREATMENT OF CANCER
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein and Fox
; STREET: 1225 Connecticut Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/060,984
; FILING DATE: 19930514
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/702,163
; FILING DATE: May 20, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Robert W. Esmond
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 1350.0050003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)466-0800
; TELEFAX: (202)833-8716
; TELEX: 248636 SSI
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ANTI-SENSE: yes
US-08-060-984-2

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1936 CGTACCTCCCACTGGC 1952
DB 2 CGTGCCTCTCACTGGC 18

RESULT 1605
US-08-457-648-191
; Sequence 191, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
```

ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,648  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 3205  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 191:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
S-08-457-648-191

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 561 TCACCAGAGGTGCTGT 577  
b 1 TCACCAGATGTCAGT 17

RESULT 1606  
S-08-373-124A-2227  
Sequence 2227, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2227:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2227

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 41.2%; Pred. No. 8.1e+02;  
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 2028 GTTTCCTTTTGTGAGATA 2044  
Db 1 GTUUCUGUUGGAGA 17

RESULT 1607  
US-08-471-601-3/C  
Sequence 3, Application US/08471601  
Patent No. 5689049  
GENERAL INFORMATION:  
APPLICANT: CIGAN, Andrew M.  
APPLICANT: ALBERTSEN, Marc C.  
TITLE OF INVENTION: Reversible Nuclear Genetic System For  
TITLE OF INVENTION: Male Sterility In Transgenic Plants  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,601  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/351,899  
FILING DATE: 08-DEC-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/341/PIHI  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-471-601-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGCTCT 655  
db 18 GGTGATGACTGTGCTCT 2

## RESULT 1608

US-08-474-556-3/c  
; Sequence 3, Application US/08474556  
; Patent No. 5689051  
; GENERAL INFORMATION:  
; APPLICANT: CIGAN, Andrew M.  
; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/474,556  
; FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/351,899  
; FILING DATE: 08-DEC-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/329/PIHI  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399

TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; JS-08-474-556-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGCTCT 655  
db 18 GGTGATGACTGTGCTCT 2

## RESULT 1609

US-08-383-742-2  
; Sequence 2, Application US/08383742  
; Patent No. 5691317  
; GENERAL INFORMATION:

; APPLICANT: Cho-Chung, Yoon Sang  
; TITLE OF INVENTION: Antisense Oligonucleotides for the Treatment of  
; TITLE OF INVENTION: Cancer  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX  
; STREET: 1100 New York Ave., N.W.  
; CITY: Washington  
; STATE: D.C.

COUNTRY: USA  
; ZIP: 20005  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: PatentIn  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/383,742  
; FILING DATE: herewith  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/060,984  
; FILING DATE: May 14, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robert W. Esmond  
; REGISTRATION NUMBER: 32,893  
; REFERENCE/DOCKET NUMBER: 1350.0010004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; ANTI-SENSE: YES  
; US-08-383-742-2

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1936 CGTACCTTCCCTGCGC 1952  
db 2 CGTGCCTCCTCACTGCGC 18

## RESULT 1610

US-08-363-240A-1083/c  
; Sequence 1083, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:

; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

ZIP: 90071  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,240A  
; FILING DATE: December 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:

```
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1083:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1083

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

S-08-363-240A-1083

Y      633 GGACCGGTCATGACTG 649
      ||| ||||| |||||
b      17 GGCACAGGTCAGGACTG 1

RESULT 1611
US-08-363-240A-1221/c
Sequence 1221, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1221:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1221:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1224:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1224

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 8.1e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

US-08-363-240A-1224

Y      440 AGCAGCAGCGGACATC 456
      ||| ||||| |||||
Db      17 AGCAGCAGCGGACATC 1

RESULT 1612
US-08-363-240A-1224
Sequence 1224, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1224:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1224

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 8.1e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

US-08-363-240A-1224

Y      441 GCAGCAGCGGACATCG 457
      ||| ||||| |||||
Db      2 GCUGCAGGACGACUUCG 18

RESULT 1613
US-08-452-055-39
```

```
; Sequence 39, Application US/08452055
; Patent No. 5705627
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Manos, Michele
; APPLICANT: Resnick, Robert M.
; APPLICANT: Ting, Yi
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,055
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 9188
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-452-055-39

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 TCACCAGAGGTGCTGT 577
Db 1 TCACCAGATGTGCAGT 17

RESULT 1614
US-08-458-067-40/c
; Sequence 40, Application US/08458067
; Patent No. 5728557
; GENERAL INFORMATION:
; APPLICANT: Register, Robert B.
; APPLICANT: Shafer, Jules A.
; TITLE OF INVENTION: HERPES SIMPLEX TYPE 1 PROTEASE MUTANTS
; TITLE OF INVENTION: AND VECTORS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ms. Joanne M. Giesser
; STREET: 126 East Lincoln Avenue, P.O. Box 2000-0907
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 TCACCAGAGGTGCTGT 577
Db 1 TCACCAGATGTGCAGT 17

RESULT 1615
US-08-435-634-1078
; Sequence 1078, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 722 AGTATTATGCTGTTAAC 738
Db 17 AGCATCATGTTGTTAAC 1

RESULT 1615
US-08-435-634-1078
; Sequence 1078, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
```

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1078:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-1078

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 47.1%; Pred. No. 8.1e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAAGCTGCTATGCTG 951  
:: |||:: :|||:  
Db 1 UUCUCUGCCUGUCUG 17

RESULT 1616  
US-08-435-634-1127  
Sequence 1127, Application US/08435634  
Patent No. 5731235  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McGwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: NO. 5731295ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1127:  
SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-1127

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 52.9%; Pred. No. 8.1e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1089 GCTCCATCATGCTCTT 1105  
:||||:|:|:|:  
Db 2 GAUCCAGAUUCUGUCCUU 18

RESULT 1617  
US-08-351-899-3/c  
Sequence 3, Application US/08351899  
Patent No. 5750868  
GENERAL INFORMATION:  
APPLICANT: CIGAN, Andrew M.  
APPLICANT: ALBERTSEN, Marc C.  
TITLE OF INVENTION: Reversible Nuclear Genetic System For  
Male Sterility in Transgenic Plants

NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/351,899  
FILING DATE: 08-DEC-1994  
CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/208/PIHI  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-351-899-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTATGCTGTGCT 655  
|||||  
Db 18 GGTATGCTGTTCCT 2

RESULT 1618  
US-08-479-382-3/c  
Sequence 3, Application US/08479382  
Patent No. 5763243  
GENERAL INFORMATION:  
APPLICANT: CIGAN, Andrew M.  
APPLICANT: ALBERTSEN, Marc C.

;; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
;; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
;; NUMBER OF SEQUENCES: 23  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Foley & Lardner  
;; STREET: 3000 K Street, N.W., Suite 500  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20007-5109  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/479,382  
;; FILING DATE: 07-JUN-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/351,899  
;; FILING DATE: 08-DEC-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: BENT, Stephen A.  
;; REGISTRATION NUMBER: 29,768  
;; REFERENCE/DOCKET NUMBER: 33229/339/PIHI  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202)672-5300  
;; TELEFAX: (202)672-5399  
;; TELEX: 904136  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-479-382-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTGCCT 655  
||||| ||||| ||||| |||||  
Db 18 GGTCATGACTGTTCCT 2

RESULT 1619  
US-08-505-509-29  
; Sequence 29, Application US/08505509  
; Patent No. 5776680  
; GENERAL INFORMATION:  
; APPLICANT: Liebowitz, Michael J.  
; APPLICANT: Liu, Yong  
; TITLE OF INVENTION: Diagnostic Probes for  
; TITLE OF INVENTION: Pneumocystis Carinii  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Richard R. Muccino  
; STREET: P.O. Box 1267  
; CITY: Princeton  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 08551  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/505,509  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US/08/298,087  
;; FILING DATE:  
;; APPLICATION NUMBER: US/07/922,987  
;; FILING DATE: 30-JUL-1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Muccino, Richard R.  
;; REGISTRATION NUMBER: 32,538  
;; REFERENCE/DOCKET NUMBER: UMD1-009  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (609) 466-3407  
;; TELEFAX: (609) 466-2760  
;; INFORMATION FOR SEQ ID NO: 29:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: unknown  
;; TOPOLOGY: unknown  
;; MOLECULE TYPE: DNA (genomic)  
;; US-08-505-509-29

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1569 CTCAGATTATTATTTT 1585  
||||| ||||| ||||| |||||  
Db 1 CGCATATTATATAT 17

RESULT 1620  
US-08-741-881-112  
; Sequence 112, Application US/08741881  
; Patent No. 5789245  
; GENERAL INFORMATION:  
; APPLICANT: Dubensky Jr, Thomas W  
; APPLICANT: Polo, John M.  
; APPLICANT: Ibanez, Carlos E.  
; APPLICANT: Chang, Stephen M.W.  
; APPLICANT: Jolly, Douglas J.  
; APPLICANT: Driver, David A.  
; APPLICANT: Belli, Barbara A.  
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/741,881  
; FILING DATE: 30-OCT-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 930049.423C6 / 1146.007  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 112:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-741-881-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGACAC 906  
 ||||| ||||| |||||  
 Db 2 TAACTGTCAAAGCCAC 18

RESULT 1621  
 US-08-470-354-3/c  
 ; Sequence 3, Application US/08470354  
 ; Patent No. 5792853  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CIGAN, Andrew M.  
 ; APPLICANT: ALBERTSEN, Marc C.  
 ; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
 ; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
 ; NUMBER OF SEQUENCES: 23  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Foley & Lardner  
 ; STREET: 3000 K Street, N.W., Suite 500  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20007-5109  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/470,354  
 ; FILING DATE: 07-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/351,899  
 ; FILING DATE: 08-DEC-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: BENT, Stephen A.  
 ; REGISTRATION NUMBER: 29,768  
 ; REFERENCE/DOCKET NUMBER: 33229/337/PIHI  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (202)672-5300  
 ; TELEFAX: (202)672-5399  
 ; TELEX: 904136  
 ; INFORMATION FOR SEQ ID NO: 3:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-470-354-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
 ||||| ||||| |||||  
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1622  
 US-08-479-383-3/c  
 ; Sequence 3, Application US/08479383  
 ; Patent No. 5795753  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CIGAN, Andrew M.  
 ; APPLICANT: ALBERTSEN, Marc C.  
 ; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
 ; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
 ; NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Foley & Lardner  
 STREET: 3000 K Street, N.W., Suite 500  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20007-5109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/479,383  
 FILING DATE: 07-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/351,899  
 FILING DATE: 08-DEC-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BENT, Stephen A.  
 REGISTRATION NUMBER: 29,768  
 REFERENCE/DOCKET NUMBER: 33229/340/PIHI  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202)672-5300  
 TELEFAX: (202)672-5399  
 TELEX: 904136  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-479-383-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
 ||||| ||||| |||||  
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1623  
 US-08-399-986B-13/c  
 ; Sequence 13, Application US/08399986B  
 ; Patent No. 5801041  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Godwin, Andrew K.  
 ; TITLE OF INVENTION: No. 5801041el Gene Associated with Suppression  
 ; TITLE OF INVENTION: of Tumor Development  
 ; NUMBER OF SEQUENCES: 35  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
 ; STREET: 1601 Market Street  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103-2307  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/399,986B  
 ; FILING DATE: 06-MAR-1995  
 ; CLASSIFICATION: 530  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Hagan, Patrick J.  
 ; REGISTRATION NUMBER: 27,643  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 563-4100

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
 ||||| ||||| |||||  
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1622  
 US-08-479-383-3/c  
 ; Sequence 3, Application US/08479383  
 ; Patent No. 5795753  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CIGAN, Andrew M.  
 ; APPLICANT: ALBERTSEN, Marc C.  
 ; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
 ; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
 ; NUMBER OF SEQUENCES: 23



TELEFAX: (215) 563-4044  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
; ANTI-SENSE: YES  
US-08-399-986B-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 584 ACATTGATTTACCAT 600  
Db 17 ACATTGATTTCCCAT 1

RESULT 1624  
US-08-727-003A-55  
; Sequence 55, Application US/08727003A  
; Patent No. 5804383  
; GENERAL INFORMATION:  
; APPLICANT: Gruenert, Dieter, C.  
; APPLICANT: Dohman, Austin F.  
; TITLE OF INVENTION: A METHOD AND ASSAY FOR  
; TITLE OF INVENTION: DETECTION OF THE EXPRESSION  
; TITLE OF INVENTION: OF ALLELE-SPECIFIC MUTATIONS  
; TITLE OF INVENTION: BY ALLELE-SPECIFIC IN SITU  
; TITLE OF INVENTION: REVERSE TRANSCRIPTASE  
; TITLE OF INVENTION: POLYMERASE CHAIN REACTION  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PETERS, VERNY, JONES & BIK A, L.L.P.  
; STREET: 385 Sherman Avenue  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94306-1840  
; COMPUTER READABLE FORM: 3.5 inch, 1.44 Kb storage  
; MEDIUM TYPE: Diskette  
; COMPUTER: PC  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/727,003A  
; FILING DATE: October 8, 1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,254  
; FILING DATE: October 10, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hana Verny  
; REGISTRATION NUMBER: 30,518  
; REFERENCE/DOCKET NUMBER: 480-77  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-1677  
; TELEFAX: (415) 324-1678  
; INFORMATION FOR SEQ ID NO: 55:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: synthetic oligonucleotide  
US-08-727-003A-55

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAA 911  
Db 1 ATCATGGAACACCAA 17  
RESULT 1625  
US-08-758-306-517/c  
; Sequence 517, Application US/08758306  
; Patent No. 5807743  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James A.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES  
; TITLE OF INVENTION: ASSOCIATED WITH  
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
; NUMBER OF SEQUENCES: 1379  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/758,306  
; FILING DATE: December 3, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 212/132  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 517:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-758-306-517

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GAGCTCAGGGCAGCTGT 1672  
Db 18 GGGCTCAGAGCTGCTGT 2

RESULT 1626  
US-08-758-306-527/c  
; Sequence 527, Application US/08758306  
; Patent No. 5807743  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James A.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

;/ TITLE OF INVENTION: TREATMENT OF DISEASES  
;/ TITLE OF INVENTION: ASSOCIATED WITH  
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
;/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
;/ NUMBER OF SEQUENCES: 1379  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSES: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: FastSeq Version 1.5  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/758,306  
;/ FILING DATE: December 3, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER:  
;/ FILING DATE:  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 212/132  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 527:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-758-306-527

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1868 TTCAAGGATCTCTGTT 1884  
Db 17 TTCAAGATCTCTGTT 1

RESULT 1627  
US-08-758-306-1353/c  
;/ Sequence 1353, Application US/08758306  
;/ Patent No. 5807743  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Stinchcomb, Dan T.  
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;/ TITLE OF INVENTION: TREATMENT OF DISEASES  
;/ TITLE OF INVENTION: ASSOCIATED WITH  
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
;/ NUMBER OF SEQUENCES: 1379  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSES: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:

;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: FastSeq Version 1.5  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/758,306  
;/ FILING DATE: December 3, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER:  
;/ FILING DATE:  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 212/132  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 1353:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-758-306-1353

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GAGCTCAGCGCAGCTGT 1672  
Db 18 GGGCTCAGAGCTGCTGT 2

RESULT 1628  
US-08-459-568-17  
;/ Sequence 17, Application US/08459568  
;/ Patent No. 5811304  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Huang, Shi  
;/ TITLE OF INVENTION: Retinoblastoma Protein - Interacting  
;/ TITLE OF INVENTION: Zinc Finger Proteins  
;/ NUMBER OF SEQUENCES: 93  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSES: Campbell and Flores  
;/ STREET: 4370 La Jolla Village Drive, Suite 700  
;/ CITY: San Diego  
;/ STATE: California  
;/ COUNTRY: USA  
;/ ZIP: 92122  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy disk  
;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/ SOFTWARE: Patent In Release #1.0, Version #1.25  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/459,568  
;/ FILING DATE: 02-JUN-1995  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 08/399,411  
;/ FILING DATE: 06-MAR-1995  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Campbell, Cathryn A.  
;/ REGISTRATION NUMBER: 31,815  
;/ REFERENCE/DOCKET NUMBER: P-LJ 1264  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (619) 535-9001  
;/ TELEFAX: (619) 535-8949  
;/ INFORMATION FOR SEQ ID NO: 17:

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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-459-568-17

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Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14: Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY	1958	GTGAGCCAAGAAACACT	1974
pb	1	GTGGTCCAAGAAACATT	17

RESULT 1629  
US-08-739-158-112  
; Sequence 112, Application US/08739158  
; Patent No. 5814482  
; GENERAL INFORMATION:  
; APPLICANT: Dubensky Jr., Thomas W  
; APPLICANT: Polo, John M.  
; APPLICANT: Jolly, Douglas J.  
; APPLICANT: Driver, David A.  
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS

Query Match	0.6%	Score 12.2;	DB 1;	Length 18;
Best Local Similarity	82.4%;	Pred. No. 8.1e+02;		
Matches 14:	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 890 TAACTATCAAAGGACAC 906  
|||||  
Dh 2 TAACTGTCAAAGGCCAC 18

RESULT 1630  
US-08-469-319A-208/c  
; Sequence 208, Application US/08469319A  
; Patent No. 5817486  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.

```

1  APPLICANT:  Bauer, S. C.
2  APPLICANT:  Braford-Goldberg, Sarah R.
3  APPLICANT:  Caparon, Mairre H.
4  APPLICANT:  Easton, Alan M.
5  APPLICANT:  Klein, Barbara K.
6  APPLICANT:  McKearn, John P.
7  APPLICANT:  Olins, Peter O.
8  APPLICANT:  Paik, Kumnan
9  APPLICANT:  Thomas, John W.
10 TITLE OF INVENTION:  Interleukin-3 (IL-3) Multiple Mutation
11 TITLE OF INVENTION:  Polyptides
12 NUMBER OF SEQUENCES:  415
13 CORRESPONDENCE ADDRESS:
14 ADDRESSEE:  Dennis A. Bennett, G.D. Searle & Co.,
15 ADDRESSEE:  Corporate Patent Dept.
16 STREET:  P. O. Box 5110
17 CITY:  Chicago
18 STATE:  Illinois
19 COUNTRY:  USA
20 ZIP:  60680
21 COMPUTER READABLE FORM:
22 MEDIUM TYPE:  Floppy disk
23 COMPUTER:  IEM PC compatible
24 OPERATING SYSTEM:  PC-DOS/MS-DOS
25 SOFTWARE:  PatentIn Release #1.0, Version #1.25
26 CURRENT APPLICATION DATA:
27 APPLICATION NUMBER:  US/08/469,319A
28 FILING DATE:  06-JUN-1995
29 CLASSIFICATION:  435
30 PRIOR APPLICATION DATA:
31 APPLICATION NUMBER:  US 07/981,044
32 FILING DATE:  24-NOV-1992
33 PRIOR APPLICATION DATA:
34 APPLICATION NUMBER:  PCT/US93/11197
35 FILING DATE:  22-NOV-1993
36 ATTORNEY/AGENT INFORMATION:
37 NAME:  Bennett, Dennis A.
38 REGISTRATION NUMBER:  34,547
39 REFERENCE/DOCKET NUMBER:  C2713/6
40 TELECOMMUNICATION INFORMATION:
41 TELEPHONE:  (708)470-6501
42 TELEFAX:  (708)470-6881
43 INFORMATION FOR SEQ ID NO:  208:
44 SEQUENCE CHARACTERISTICS:
45 LENGTH:  18 base pairs
46 TYPE:  nucleic acid
47 STRANDEDNESS:  single
48 TOPOLOGY:  linear
49 MOLECULE TYPE:  DNA (synthetic)
50 US-08-469-319A-208

```

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: Word Perfect 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/435,628  
;; FILING DATE: 05-MAY-1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/373,124  
;; FILING DATE: January 13, 1995  
;; APPLICATION NUMBER: 08/245,466  
;; FILING DATE: May 18, 1994  
;; APPLICATION NUMBER: 08/192,943  
;; FILING DATE: February 7, 1994  
;; APPLICATION NUMBER: 07/987,132  
;; FILING DATE: December 7, 1992  
;; APPLICATION NUMBER: 07/936,422  
;; FILING DATE: August 26, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 209/035  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;;  
;; INFORMATION FOR SEQ ID NO: 2227:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
;; US-08-435-628-2227

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 41.2%; Pred. No. 8.1e+02;  
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 2028 GTTTCCTTTTGAGATA 2044  
|::||:|::|||  
b 1 GUUUCUGUUGGAGA 17

RESULT 1632  
US-08-493-754A-13/c  
; Sequence 13, Application US/08493754A  
; Patent No. 5821338  
; GENERAL INFORMATION:  
; APPLICANT: Godwin, Andrew K.  
; TITLE OF INVENTION: No. 5821338el Gene Associated with Suppression  
; TITLE OF INVENTION: of Tumor Development  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
; STREET: 1601 Market Street  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/493,754A  
;; FILING DATE: 22-JUN-1995  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Hagan, Patrick J.  
;; REGISTRATION NUMBER: 27,643  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (215) 563-4100  
;; TELEFAX: (215) 563-4044  
;; INFORMATION FOR SEQ ID NO: 13:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: not relevant  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;;  
;; US-08-493-754A-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 584 ACATTGATATTCACCAT 600  
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Db 17 ACATTCACTTCCCAT 1

RESULT 1633  
US-08-528-523-3  
; Sequence 3, Application US/08528523  
; Patent No. 5824782  
; GENERAL INFORMATION:  
; APPLICANT: Hoelzer, Wolfgang  
; APPLICANT: von Hoegen, Ilka  
; APPLICANT: Strittmatter, Wolfgang  
; APPLICANT: Matzku, Siegfried  
; TITLE OF INVENTION: Immunoconjugates II  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.  
; STREET: 2200 Clarendon Boulevard, Suite 1400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22201  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/528,523  
; FILING DATE: 06-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 94114572.4  
; FILING DATE: 16-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hamlet-King, Diana  
; REGISTRATION NUMBER: 33,302  
; REFERENCE/DOCKET NUMBER: Merck 1717  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-243-6333  
; TELEFAX: 703-243-6410  
; TELEX: 64191  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs

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; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "c-gammalCH2/IL-8 junction"  
; HYPOTHETICAL: NO  
US-08-528-523-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1477 GCCAAAGGGGTCAAGGA 1493  
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Db 1 GCCAAGTGTATCAAGA 17  
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RESULT 1634  
US-08-528-523-3/c  
; Sequence 3, Application US/08528523  
; Patent No. 5824782  
; GENERAL INFORMATION:  
; APPLICANT: Hoelzer, Wolfgang  
; APPLICANT: von Hoegen, Ilka  
; APPLICANT: Strittmatter, Wolfgang  
; APPLICANT: Matzku, Siegfried  
; TITLE OF INVENTION: Immunocojugates II  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.  
; STREET: 2200 Clarendon Boulevard, Suite 1400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22201

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/528,523  
; FILING DATE: 06-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 94114572.4  
; FILING DATE: 16-SEP-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hamlet-King, Diana  
; REGISTRATION NUMBER: 33,302  
; REFERENCE/DOCKET NUMBER: Merck 1717  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-243-6333  
; TELEFAX: 703-243-6410  
; TELEX: 64191

; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "c-gammalCH2/IL-8 junction"  
; HYPOTHETICAL: NO  
US-08-528-523-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1060 TACTTTGATACATTTGG 1076  
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Db 18 TTCTTTGATACATTTGG 2  
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RESULT 1635  
US-08-639-363-16/c  
; Sequence 16, Application US/08639363  
; Patent No. 5830655  
; GENERAL INFORMATION:  
; APPLICANT: Monforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; APPLICANT: Shaler, Thomas A.  
; APPLICANT: Pollart, Daniel J.  
; TITLE OF INVENTION: Oligonucleotide Sizing Using Cleavable  
; PRIMER OF INVENTION: Primers  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: P.O. Box 60850  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94306  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/639,363  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/445,751  
; FILING DATE: 22-MAY-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Evans, Susan T.  
; REGISTRATION NUMBER: 38,443  
; REFERENCE/DOCKET NUMBER: 8255-0015.30  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-324-0880  
; TELEFAX: 415-324-0960  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: 5' biotinylated M13 reverse primer,  
; INDIVIDUAL ISOLATE: 5'(S)T at posn 14  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 13..14  
; OTHER INFORMATION: /note= "primer is biotinylated at  
; OTHER INFORMATION: 5' end and contains a 5'(S)-T at positio...."  
US-08-639-363-16

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTGTCCT 655  
|||||  
Db 18 GGTCATGACTGTGTCCT 2  
|||||

RESULT 1636  
US-08-399-411-17  
; Sequence 17, Application US/08399411  
; Patent No. 5831008  
; GENERAL INFORMATION:

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; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; TITLE OF INVENTION: Zinc Finger Proteins
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/399,411
; FILING DATE: 06-MAR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-399-411-17

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAGAAACACT 1974
Db 1 GTGGTCCAGAAACATT 17

RESULT 1637
US-08-267-803B-69
; Sequence 69, Application US/08267803B
; Patent No. 5834183
; GENERAL INFORMATION:
; APPLICANT: Orr, Harry T.
; APPLICANT: Ranum, Laura P.W.
; APPLICANT: Chung, Ming-yi.
; APPLICANT: Zoghbi, Huda Y.
; TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
; Patent No. 5834183
; TITLE OF INVENTION: Type 1 and Method for Diagnosis
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: P.O. Box 581415
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55458-1415
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/267,803B
; FILING DATE: 28-JUN-1994
; CLASSIFICATION: 435
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: McCormack, Myra H.
; REGISTRATION NUMBER: 36,602
; REFERENCE/DOCKET NUMBER: 110.00030120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1217
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-267-803B-69

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1507 GCCTGAATGACCTCTC 1523
Db 1 GCTTGAATGACCACCC 17

RESULT 1638
US-08-479-041-3/C
; Sequence 3, Application US/08479041
; Patent No. 5837851
; GENERAL INFORMATION:
; APPLICANT: CIGAN, Andrew M.
; APPLICANT: ALBERTSEN, Marc C.
; TITLE OF INVENTION: Reversible Nuclear Genetic System For
; TITLE OF INVENTION: Male Sterility In Transgenic Plants
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,041
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/351,899
; FILING DATE: 08-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/338/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-479-041-3

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 639 GGTGATGACTGTGCTCCT 655  
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Db 18 GGTGATGACTGTGCTCCT 2

RESULT 1639  
US-08-739-167-112  
; Sequence 112, Application US/08739167  
; Patent No 5843723  
; GENERAL INFORMATION:  
; APPLICANT: Dubensky Jr, Thomas W  
; APPLICANT: Polo, John M.  
; APPLICANT: Ibanez, Carlos E.  
; APPLICANT: Chang, Stephen M.W.  
; APPLICANT: Jolly, Douglas J.  
; APPLICANT: Driver, David A.  
; APPLICANT: Belli, Barbara A.  
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS AND ALPHAVIRUS  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED AND BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/739,167  
; FILING DATE: 30-OCT-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 930049.423C7 / 1146.008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 112:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-739-167-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAAGGACAC 906  
||||| ||||| |||||  
Db 2 TAACTGTCAAAGGCCAC 18

RESULT 1640  
US-08-491-690A-29  
; Sequence 29, Application US/08491690A  
; Patent No 5849484  
; GENERAL INFORMATION:  
; APPLICANT: Leibowitz, Michael J.  
; APPLICANT: Liu, Yong  
; TITLE OF INVENTION: In Vitro Assay For Inhibitors  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Richard R. Muccino  
; STREET: 758 Springfield Avenue  
; CITY: Summit

; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07901  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/491,690A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/068,248  
; FILING DATE: 27-MAY-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Muccino, Richard R.  
; REGISTRATION NUMBER: 32,538  
; REFERENCE/DOCKET NUMBER: UMD1-012  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 273-4988  
; TELEFAX: (908) 273-4679  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
US-08-491-690A-29

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1569 CTCGATTTTATATTTT 1585  
||||| ||||| |||||  
Db 1 CGCATATTTTATATAT 17

RESULT 1641  
US-08-710-330A-8/c  
; Sequence 8, Application US/08710330A  
; Patent No 5854041  
; GENERAL INFORMATION:  
; APPLICANT: Brayer, Gary D.  
; APPLICANT: Lee, Hung  
; APPLICANT: Mauk, Grant A.  
; APPLICANT: Smith, Michael  
; APPLICANT: Tong, Harry  
; APPLICANT: Wan, Lianglu  
; TITLE OF INVENTION: MYOGLOBIN WITH PEROXIDASE ACTIVITY  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/710,330A  
; FILING DATE: 16-SEP-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GAY, David A.  
; REGISTRATION NUMBER: 39,200  
; REFERENCE/DOCKET NUMBER: P-SM 2262

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-710-330A-8

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACGTGTCCT 655  
Db 18 GGTCATGACGTGTCCT 2

RESULT 1642  
US-08-450-905B-92  
; Sequence 92, Application US/08450905B  
; Patent No. 5856301  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins  
; NUMBER OF SEQUENCES: 178  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HALE AND DORR  
; STREET: 60 State Street  
; CITY: Boston  
; STATE: MA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/450,905B  
; FILING DATE: 26-MAR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/982,759  
; FILING DATE: 08-MAR-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9127319.3  
; FILING DATE: 23-DEC-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9221587.0  
; FILING DATE: 14-OCT-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BAKER, HOLLIE L.  
; REGISTRATION NUMBER: 31,321  
; REFERENCE/DOCKET NUMBER: 102.378.120DV-2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-526-6110  
; TELEFAX: 617-526-5000  
; INFORMATION FOR SEQ ID NO: 92:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..18  
; OTHER INFORMATION: /product="BB9499 oligomer"  
US-08-450-905B-92

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1635 AGGCACAGAAACCAAG 1651  
Db 2 AGTGCAGAGCCCAAG 18  
RESULT 1643  
US-08-173-489C-21  
; Sequence 21, Application US/08173489C  
; Patent No. 5861244  
; GENERAL INFORMATION:  
; APPLICANT: WANG, C. -G.  
; APPLICANT: HEBURN, A. G.  
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
; NUMBER OF SEQUENCES: 365  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
; STREET: 510 EAST 73RD STREET,  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10021.  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
; COMPUTER: IBM PC/XT/AT  
; OPERATING SYSTEM: MS-DOS version 6.2  
; SOFTWARE: Wordperfect Version 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/173,489C  
; FILING DATE: 22 DEC 1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/969,436  
; FILING DATE: 29 OCT 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Handelman, Joseph H.  
; REGISTRATION NUMBER: 26,179  
; REFERENCE/DOCKET NUMBER: U9518-6  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (attorney) (212) 708-1880  
; TELEFAX: (attorney) (212) 246-8959  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; DESCRIPTION: n-myc gene (Accession # Y00664)  
; DESCRIPTION: nucleotides 5619 to 5636  
; HYPOTHETICAL: No  
; ANTI-SENSE: No  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; AUTHORS: Ibsen, J M, Rabbitts, P H.  
; TITLE: Sequence of a germ-line N-myc  
; Patent No. 5861244  
; TITLE: gene and amplification as a mechanism of  
; TITLE: activation  
; JOURNAL: Oncogene  
; VOLUME: 2  
; PAGES: 399-402  
; DATE: 1988  
; RELEVANT RESIDUES IN SEQ ID NO: 21 :FROM 1 TO 18  
US-08-173-489C-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



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QY 1234 GAGGAGAGTGGGATGA 1250
|||||
Db 1 GAGGAGAGAGGGGAAGA 17

RESULT 1644
US-08-505-617-12/c
; Sequence 12, Application US/08505617
; Patent No. 5861378
; GENERAL INFORMATION:
; APPLICANT: IWANAGA, Sadaaki
; APPLICANT: KAWABATA, Shun-ichi
; APPLICANT: SAITO, Tetsu
; TITLE OF INVENTION: POLYPEPTIDES, AND PREPARATION AND DNA
; TITLE OF INVENTION: ENCODING THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault, LLP
; STREET: 125 High Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,617
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, Paula A
; REGISTRATION NUMBER: 32,503
; REFERENCE/DOCKET NUMBER: FJN-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-505-617-12

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTATGACTGTGTCT 655
|||||
Db 18 GGTATGACTGTGTCT 2

RESULT 1645
US-08-358-556A-30/c
; Sequence 30, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-358-556A-30

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 24 CGGACGGACCGACTGAC 40
|||||
Db 18 CTGACTGACTGACTGAC 2

RESULT 1646
US-08-282-197C-40/c
; Sequence 40, Application US/08282197C
; Patent No. 5871730
; GENERAL INFORMATION:
; APPLICANT: Brzezinski, Ryszard
; APPLICANT: Dery, Claude V
; APPLICANT: Beaulieu, Carole
; TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
; TITLE OF INVENTION: Methods of Use
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/282,197C
; FILING DATE: 29-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cimbala, Michele A
```

REGISTRATION NUMBER: 33,851  
REFERENCE/DOCKET NUMBER: 1050.0410000  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-282-197C-40

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 642 CATGACTGTGCTCTTC 658  
||||| ||| ||| |||  
Db 18 CATGACGGTGCTCTTC 2

RESULT 1647  
US-08-585-888-7  
Sequence 7, Application US/08585888  
Patent No. 5874215  
GENERAL INFORMATION:  
APPLICANT: KUIPER, Martin T.R.  
APPLICANT: ZABEAU, Marc  
APPLICANT: VOS, Pieter  
TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,888  
FILING DATE: 16-JAN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 95400080.8  
FILING DATE: 16-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: McGowan, Malcolm K.  
REGISTRATION NUMBER: 39,300  
REFERENCE/DOCKET NUMBER: 010830-097  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-585-888-7

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1972 ACTGCCTGCCTCTTC 1988  
||||| ||| ||| ||| |||

Db 2 ACTGCGTACCTCTCTC 18

RESULT 1648  
US-08-432-871C-33/c  
Sequence 33, Application US/08432871C  
Patent No. 5877010  
GENERAL INFORMATION:  
APPLICANT: Loeb, Lawrence A.  
APPLICANT: Black, Margaret E.  
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092

COMPUTER READABLE FORM: disk  
MEDIUM TYPE: IBM PC compatible  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/432,871C  
FILING DATE: 02-MAY-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.409C1  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
TELEX: 3723836

INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-432-871C-33

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 639 GGTGATGACTGTGCTCT 655  
||||| ||| ||| ||| |||  
Db 18 GGTGATGACTGTGCTCT 2

RESULT 1649  
US-08-585-684B-2582  
Sequence 2582, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2582:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2582

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      1279 TCGATCTGCTCTCTGA 1295
          :|:|:|:|:|:|:|:|:|
Db       1 UGGUCGUCGUCUCUGA 17

RESULT 1650
US-08-47A-450A-11
; Sequence 11, Application US/08474450A
; Patent No. 5882856
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 Sheridan Ave., Ste. 440
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,450A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: GECO.001.00US
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
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;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "CFTR 15-PLEX PRIMER
; DESCRIPTION: SEQUENCE - exon 4"
; US-08-47A-450A-11

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1431 GAAAGAAGTCACCGAAG 1447
          |||||
Db       2 GTAGGAAGTCACCAAG 18

RESULT 1651
US-08-751-189-10/c
; Sequence 10, Application US/08751189
; Patent No. 5919656
; GENERAL INFORMATION:
; APPLICANT: Harrington, Lea A.
; APPLICANT: Robinson, Murray O.
; TITLE OF INVENTION: No. 5919656el Genes Encoding Telomerase Protein
; TITLE OF INVENTION: 1
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen, Inc.
; STREET: 1840 De Havilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/751,189
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-433
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligo nucleotide"
; US-08-751-189-10

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      639 GGTCATGACTGTGTCCT 655
          |||||
Db       18 GGTCATGACTGTTCCT 2

RESULT 1652
US-08-912-129A-77/c
; Sequence 77, Application US/08912129A
; Patent No. 5922533
; GENERAL INFORMATION:
; APPLICANT: VALLARI, ANADRUZELA S.
; APPLICANT: HACKETT, JOHN JR.
; APPLICANT: HICKMAN, ROBERT K.
```

```
; APPLICANT: VARITEK, VINCENT A. JR.
; APPLICANT: NECKLAWS, ELIZABETH A.
; APPLICANT: GOLDEN, ALAN M.
; APPLICANT: BRENNAN, CATHERINE A.
; APPLICANT: DEVARE, SUSHIL G.
; TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATIO
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS (Windows 95)
; SOFTWARE: Microsoft Word (ASCII format output)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,129A
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dancikers, Andreas M.
; REGISTRATION NUMBER: 32,652
; REFERENCE/DOCKET NUMBER: 6109.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-937-9803
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-912-129A-77

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1130 ATGAGTACTGGAGAG 1146
Db 18 ATGCGACCTGGAGTAG 2

RESULT 1653
US-08-389-423-28
; Sequence 28, Application US/08389423
; Patent No. 5948672
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schulein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5948672o No. 5948672disk of No. 5948672th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/389,423
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-389-423-28

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1074 TGCACCAATTTCACGC 1090
Db 2 TGCACAAATATTCACGC 18

RESULT 1654
US-08-567-375-14/c
; Sequence 14, Application US/08567375
; Patent No. 5952485
; GENERAL INFORMATION:
; APPLICANT: Ronald, Pamela C.
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Song, Wen-Yuang
; APPLICANT: Szabo, Veronique
; TITLE OF INVENTION: Procedures and Materials for Conferring
; TITLE OF INVENTION: Disease Resistance in Plants
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/567,375
; FILING DATE: 04-DEC-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,645
; FILING DATE: 29-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/475,891
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/373,375
; FILING DATE: 17-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-058930
```

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-567-375-14

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 CAAGTATTATGCTGTTA 736
Db 17 CAAGCAATGTGCTGTTA 1

RESULT 1655
US-09-161-015-9/c
; Sequence 9, Application US/09161015A
; Patent No. 5965370
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoG EXPRESSION
; FILE REFERENCE: RTS-0015
; CURRENT APPLICATION NUMBER: US/09/161,015A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-9

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1478 CCAAGGGGTCAGGAG 1494
Db 18 CCAGAGGGGTCAGGAG 2

RESULT 1656
US-09-018-170-12/c
; Sequence 12, Application US/09018170
; Patent No. 5965725
; GENERAL INFORMATION:
; APPLICANT: IWANAGA, Sadaaki
; APPLICANT: KAWABATA, Shun-ichiro
; TITLE OF INVENTION: POLYPEPTIDES, AND PREPARATION AND DNA
; TITLE OF INVENTION: ENCODING THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault, LLP
; STREET: 125 High Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/09/018,170
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/505,617
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, Paula A
; REGISTRATION NUMBER: 32,503
; REFERENCE/DOCKET NUMBER: FJN-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-018-170-12

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCAATGCTGTCTCT 655
Db 18 GGTCAATGCTGTCTCT 2

RESULT 1657
US-08-363-276B-18
; Sequence 18, Application US/08363276B
; Patent No. 5969109
; GENERAL INFORMATION:
; APPLICANT: BONA ET AL.
; TITLE OF INVENTION: CHIMERIC ANTIBODIES
; TITLE OF INVENTION: COMPRISING ANTIGEN BINDING SITES AND B AND T CELL EPITOPES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue &
; ADDRESSEE: Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,276B
; FILING DATE: 22-DECEMBER-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 07/486,546
; FILING DATE: 28-FEBRUARY-1990 (ABANDONED)
; APPLICATION NUMBER: USN 07/687,376
; FILING DATE: 18-APRIL-1991 (ABANDONED)
; APPLICATION NUMBER: USN 08/327,636
; FILING DATE: 24-OCTOBER-1994 (ABANDONED)
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Richard S
; REGISTRATION NUMBER: 26,154
; REFERENCE/DOCKET NUMBER: 29889-165/29528
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2558
; TELEFAX: 212-765-2519
; TELEX:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORIGINAL SOURCE:  
ORGANISM:  
FEATURE:  
NAME/KEY:  
LOCATION:  
OTHER INFORMATION: primer  
JS-08-363-276B-18

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1246 GATGAGGACGAAGACGA 1262  
| | | | | | | | | | | | | | | | | |  
Db 2 GCTGAGGACAAAGAAGA 18

## RESULT 1658

JS-08-532-979-1  
Sequence 1, Application US/08532979  
Patent No. 5969117  
GENERAL INFORMATION:

APPLICANT: Agrawal, Sudhir  
TITLE OF INVENTION: MODIFIED PROTEIN KINASE A-SPECIFIC  
TITLE OF INVENTION: OLIGONUCLEOTIDES AND METHODS OF THEIR USE  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/532,979  
FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Keirner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HY2-050

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-330-1300

TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

JS-08-532-979-1

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1936 CGTACCTTCCCACTGGC 1952  
| | | | | | | | | | | | | | | | | |  
Db 2 CGTGCCCTCTCACTGGC 18

## RESULT 1659

US-08-532-979-4  
Sequence 4, Application US/08532979  
Patent No. 5969117  
GENERAL INFORMATION:

APPLICANT: Agrawal, Sudhir  
TITLE OF INVENTION: MODIFIED PROTEIN KINASE A-SPECIFIC  
TITLE OF INVENTION: OLIGONUCLEOTIDES AND METHODS OF THEIR USE  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/532,979  
FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Keirner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HY2-050

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-330-1300

TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA/RNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-532-979-4

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 70.6%; Pred. No. 8.1e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1936 CGTACCTTCCCACTGGC 1952  
| | | | | | | | | | | | | | | | | |  
Db 2 CGUGCCCTCTCACTGGC 18

## RESULT 1660

US-08-532-979-6  
Sequence 6, Application US/08532979  
Patent No. 5969117  
GENERAL INFORMATION:

APPLICANT: Agrawal, Sudhir  
TITLE OF INVENTION: MODIFIED PROTEIN KINASE A-SPECIFIC  
TITLE OF INVENTION: OLIGONUCLEOTIDES AND METHODS OF THEIR USE  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

```
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/532,979
; APPLICATION NUMBER: US/08/532,979
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-532-979-6

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 8.1e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1936 CGTACCTTCCACATGGC 1952
Db 2 CGTCCCUCCACATGGC 18

RESULT 1661
US-08-670-479-22
; Sequence 22, Application US/08670479
; Patent No. 5973133
; GENERAL INFORMATION:
; APPLICANT: Hardy, John A.
; APPLICANT: Goate, Alison M.
; TITLE OF INVENTION: MUTANT S182 GENES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,479
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,500
; FILING DATE: 18-JUL-1996
; APPLICATION NUMBER: 60/001,800
; FILING DATE: 02-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: P50361
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-670-479-22

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 486 TGCNAAGACTCCGAGG 502
Db 1 TGCACAGATGCTGAGG 17

RESULT 1662
US-08-587-680A-23/C
; Sequence 23, Application US/08587680A
; Patent No. 5977434
; GENERAL INFORMATION:
; APPLICANT: Ronald, Pamela C.
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Song, Wen-Yuang
; APPLICANT: Szabo, Veronique
; TITLE OF INVENTION: Procedures and Materials for Conferring
; TITLE OF INVENTION: Disease Resistance in Plants
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/587,680A
; FILING DATE: 17-JAN-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/373,375
; FILING DATE: 17-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/475,891
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,645
; FILING DATE: 29-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/567,375
; FILING DATE: 04-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-058940US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
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JS-08-587-680A-23

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 720 CAAGTATTATGCTGTTA 736  
Db 17 CAAGCATGTGCTGTTA 1

RESULT 1663

JS-09-060-836-10/c  
; Sequence 10, Application US/09060836  
; Patent No. 5981707  
; GENERAL INFORMATION:  
; APPLICANT: Harrington, Lea A.  
; APPLICANT: Robinson, Murray O.  
; TITLE OF INVENTION: No. 5981707el Genes Encoding Telomerase Protein  
; TITLE OF INVENTION: 1  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen, Inc.  
; STREET: 1840 De Havilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,836  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/751,189  
; FILING DATE: 15-NOV-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oleski, Nancy A.  
; REGISTRATION NUMBER: 34,688  
; REFERENCE/DOCKET NUMBER: A-433  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligo nucleotide"

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 639 GGTATGACTGTGTCCT 655  
Db 18 GGTATGACTGTGTCCT 2

RESULT 1664

JS-09-213-768-17  
; Sequence 17, Application US/09213768  
; Patent No. 5985664  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION  
; FILE REFERENCE: RTS-0026  
; CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 17

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-213-768-17

Query Match

0.6%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 574 CTGTACATTCACATTCGA 590

Db 1 CTGTCCAAATGACTTTGA 17

RESULT 1665

US-08-815-448-10/c  
; Sequence 10, Application US/08815448  
; Patent No. 5994068  
; GENERAL INFORMATION:  
; APPLICANT: Guilfoyle, Richard A  
; APPLICANT: Guo, Zhen  
; TITLE OF INVENTION: Nucleic Acid Indexing  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Quarles & Brady  
; STREET: 1 South Pinckney St.  
; CITY: Madison  
; STATE: WI  
; COUNTRY: US  
; ZIP: 53703  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/815,448  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Berson, Bennett J  
; REGISTRATION NUMBER: 37094  
; REFERENCE/DOCKET NUMBER: 960295.94053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 608-251-5000  
; TELEFAX: 608-251-9166  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "M13RevP reverse primer"

US-08-815-448-10

Query Match

0.6%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTATGACTGTGTCCT 655

Db 18 GGTATGACTGTGTCCT 2

RESULT 1666

US-08-815-448-30  
; Sequence 30, Application US/08815448





OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-156-253-41

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 CAAGTATTATGCTGTTA 736  
DB 2 CATTATCATGCTGTTA 18

## RESULT 1670

US-08-994-824-8/c  
Sequence 8, Application US/08994824  
Patent No. 6008400  
GENERAL INFORMATION:  
APPLICANT: Scaringe, Stephen A.  
TITLE OF INVENTION: NOVEL PROTECTING GROUPS AND USE THEREOF  
TITLE OF INVENTION: IN AN IMPROVED PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dan Cleveland, Jr.  
STREET: 1790 30th Street, Suite 140  
CITY: Boulder  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80301

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/994,824  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/488,878  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Cleveland, Dan  
REGISTRATION NUMBER: 36,106  
REFERENCE/DOCKET NUMBER: 9028/103  
TELEPHONE: (303)449-9497  
TELEFAX: (303)449-0814  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (synthetic)

US-08-994-824-8  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1052 ACAATGACTACTTTGAA 1068  
DB 17 ACAATAACTACTTAAA 1

RESULT 1671  
US-08-388-353-616/c  
Sequence 616, Application US/08388353  
Patent No. 6010895  
GENERAL INFORMATION:  
APPLICANT: Deacon, Nicholas J.  
TITLE OF INVENTION: DEACON, JENNIFER C.

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1052 ACAATGACTACTTTGAA 1068  
DB 17 ACAATAACTACTTAAA 1

RESULT 1671  
US-08-388-353-616/c  
Sequence 616, Application US/08388353  
Patent No. 6010895  
GENERAL INFORMATION:  
APPLICANT: Deacon, Nicholas J.  
TITLE OF INVENTION: DEACON, JENNIFER C.

APPLICANT: McPhee, Dale A.  
APPLICANT: Crowe, Suzanne  
APPLICANT: Cooper, David  
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1  
NUMBER OF SEQUENCES: 800  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: United States  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/388,353  
FILING DATE: 14-FEB-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 9606  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 616:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-08-388-353-616  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CCACATCAGTCCTTCCA 1108  
DB 17 CCAATTAGCCTTCCA 1

RESULT 1672  
US-09-255-911-32  
Sequence 32, Application US/09255911  
Patent No. 6013522  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION  
FILE REFERENCE: RTS-0040  
CURRENT APPLICATION NUMBER: US/09/255,911  
CURRENT FILING DATE: 1999-02-23  
NUMBER OF SEQ ID NOS: 46  
SEQ ID NO 32  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-255-911-32

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1852 AAGGGTGCTGGTCT 1868  
DB 1852 AAGGGTGCTGGTCT 1868

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Db      1  AAGGGCTTCTCGGTCT 17

RESULT 1673
US-09-255-888-31/c
; Sequence 31, Application US/09255888
; Patent No. 6013787
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD4 EXPRESSION
; FILE REFERENCE: RTS-0041
; CURRENT APPLICATION NUMBER: US/09/255,888
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-888-31

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1392 CAAACACAGAGATCAAA 1408
Db      17 CAAGACAGAGATCAAA 1

RESULT 1674
US-08-488-551B-616/c
; Sequence 616, Application US/08488551B
; Patent No. 6015661
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Deacon
; APPLICANT: Dale A. McPhee
; APPLICANT: David Cooper
; TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
; NUMBER OF SEQUENCES: 841
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 GARDEN CITY PLAZA
; CITY: GARDEN CITY
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 11530-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,551B
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PM3864 (AU)
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: PM4002 (AU)
; FILING DATE: 21-FEB-1994
; APPLICATION NUMBER: PM0284 (AU)
; FILING DATE: 23-DEC-1994
; APPLICATION NUMBER: US 08/388,353
; FILING DATE: 14-FEB-1995
; APPLICATION NUMBER: PM3021/95
; FILING DATE: 17-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: FRANK S. DIGIGLIO
; REFERENCE/DOCKET NUMBER: 9606Z
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343

; TELEFAX: (516) 742-4366
; INFORMATION FOR SEQ ID NO: 616:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-488-551B-616

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1092 CCACATCAGTCCTTCCA 1108
Db      17 CCAATTAGCCCTTCCA 1

RESULT 1675
US-08-404-796-112
; Sequence 112, Application US/08404796
; Patent No. 6015686
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Ibanez, Carlos E.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; APPLICANT: Belli, Barbara A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404,796
; FILING DATE: 15-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.42305 / 1146.006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-404-796-112

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 TAACTATCAAGGACAC 906
Db      2 TAACTGTCAAAAGCCAC 18
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RESULT 1676  
JS-08-931-869-112  
; Sequence 112, Application US/08931869  
; Patent No. 6015634  
; GENERAL INFORMATION:  
; APPLICANT: Dubensky Jr, Thomas W  
; APPLICANT: Polo, John M.  
; APPLICANT: Ibanez, Carlos E.  
; APPLICANT: Chang, Stephen M.W.  
; APPLICANT: Jolly, Douglas J.  
; APPLICANT: Driver, David A.  
; APPLICANT: Belli, Barbara A.  
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/931,869  
; FILING DATE: 16-SEP-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/404,796  
; FILING DATE: 15-MAR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 930049.423C5 / 1146.006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 112:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; QUERY MATCH  
; Score 12.2; DB 1; Length 18;  
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; 2 TAACTGTCATAAGGCAC 18  
; 2 TAACTGTCATAAGGCAC 18

RESULT 1677  
JS-08-974-022-11/c  
; Sequence 11, Application US/08974022  
; Patent No. 6015938  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California

; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/974,022  
; FILING DATE: 12-DEC-1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-08-974-022-11  
; QUERY MATCH  
; Score 12.2; DB 1; Length 18;  
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; 639 GGTGATGACTGTGTCCT 655  
; 18 GGTGATGACTGTGTCCT 2

RESULT 1678  
US-09-339-964-13/c  
; Sequence 13, Application US/09339964  
; Patent No. 6025198  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION  
; FILE REFERENCE: RTS-0065  
; CURRENT APPLICATION NUMBER: US/09/339,964  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-339-964-13  
; QUERY MATCH  
; Score 12.2; DB 1; Length 18;  
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; 1404 TGAAGAGAGAGAGAGACC 1420  
; 17 TGAGAGAGAGAGAGACC 1

RESULT 1679  
US-08-890-979-75/c  
; Sequence 75, Application US/08890979  
; Patent No. 6030778  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; APPLICANT: Ordovas, Jose M.  
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS  
; TITLE OF INVENTION: DISORDERS

```
;
;
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,979
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-005.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
;
; US-08-890-979-75
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 639 GGTGATGAGTGTGTCCT 655
; | | | | | | | | | | | | | | | |
; Db 18 GGTGATGAGTGTGTCCT 2
;
; RESULT 1680
; US-09-156-807-32/c
; Sequence 32, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoC EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-156-807-32
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1215 TCCTGAGGACCCCATCC 1231
; | | | | | | | | | | | | | | |
; Db 17 TCCTGAGGACCCCATAC 1
;
; RESULT 1681
; US-09-344-520-8/c
;
; Sequence 8, Application US/09344520
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-344-520-8
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 50 GGGAGCGGACGAAGATG 66
; | | | | | | | | | | | | | | |
; Db 18 GGGAGCGGACGAGATG 2
;
; RESULT 1682
; US-09-344-520-34
; Sequence 34, Application US/09344520
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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; US-09-344-520-34
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 351 TGGTGAGGAGCTGTCCAG 367
; | | | | | | | | | | | | | | |
; Db 2 TGATGAGGAGTTTCCAG 18
;
; RESULT 1683
; US-07-982-759F-92
; Sequence 92, Application US/07982759F
; Patent No. 6057123
; GENERAL INFORMATION:
; APPLICANT: CRAIG, Stewart
; APPLICANT: GEORGE, Michael
; APPLICANT: EDWARDS, Richard Mark
; APPLICANT: CZAPLEWSKI, Lloyd George
; APPLICANT: GILBERT, Richard
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR LLP
; STREET: 60 State Street
;
; US-07-982-759F-92
```

1 CITY: Boston  
2 STATE: MA  
3 ZIP: 02109  
4  
5 COMPUTER READABLE FORM:  
6 MEDIUM TYPE: Floppy disk  
7 COMPUTER: IBM PC compatible  
8 OPERATING SYSTEM: PC-DOS/MS-DOS  
9 SOFTWARE: Patent In Release #1.0, Version #1.25  
10 CURRENT APPLICATION DATA:  
11 APPLICATION NUMBER: US/07/982,759F  
12 FILING DATE: 08-MAR-1993  
13 PRIOR APPLICATION DATA:  
14 APPLICATION NUMBER: GB 9127319.3  
15 FILING DATE: 23-DEC-1991  
16 PRIOR APPLICATION DATA:  
17 APPLICATION NUMBER: GB 9221587.0  
18 FILING DATE: 14-OCT-1992  
19 ATTORNEY/AGENT INFORMATION:  
20 NAME: BAKER, HOLLIE L.  
21 REGISTRATION NUMBER: 31,321  
22 REFERENCE/DOCKET NUMBER: 102378.120  
23 TELECOMMUNICATION INFORMATION:  
24 TELEPHONE: 617-528-6000  
25 TELEFAX: 617-526-5000  
26 INFORMATION FOR SEQ ID NO: 92:  
27 SEQUENCE CHARACTERISTICS:  
28 LENGTH: 18 base pairs  
29 TYPE: nucleic acid  
30 STRANDEDNESS: single  
31 TOPOLOGY: linear  
32 MOLECULE TYPE: DNA  
33 FEATURE:  
34 NAME/KEY: misc feature  
35 LOCATION: 1..18  
36 OTHER INFORMATION: /product= "BB9499 oligomer"  
37 JS-07-982-759F-92

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1635 AGGACAGAACCAAGG 1651  
||| ||||| |||||  
3b 2 AGTGTCAAGCAAGG 18

RESULT 1684  
US-08-779-916A-108/c  
; Sequence 108, Application US/08779916A  
; Patent No. 6063567  
; GENERAL INFORMATION:  
; APPLICANT: Gallie, Brenda L.  
; APPLICANT: Dunn, James M.  
; APPLICANT: Stevens, John K.  
; APPLICANT: Hui, May  
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma  
; NUMBER OF SEQUENCES: 123  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: 1992 Commerce Street, Suite 309  
; CITY: Yorktown Heights  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/779,916A  
FILING DATE: 07-JAN-1997

1 CLASSIFICATION: 435  
2 PRIOR APPLICATION DATA:  
3 APPLICATION NUMBER: 08/271,942  
4 FILING DATE: 08-JUL-1994  
5 ATTORNEY/AGENT INFORMATION:  
6 NAME: Marina T. Larson  
7 REGISTRATION NUMBER: 32,038  
8 REFERENCE/DOCKET NUMBER: VGEN.P-003-US2  
9 TELECOMMUNICATION INFORMATION:  
10 TELEPHONE: (914) 245-3252  
11 TELEFAX: (914) 962-4330  
12 TELEX:  
13 INFORMATION FOR SEQ ID NO: 108:  
14 SEQUENCE CHARACTERISTICS:  
15 LENGTH: 18  
16 TYPE: nucleic acid  
17 STRANDEDNESS: single  
18 TOPOLOGY: linear  
19 MOLECULE TYPE: genomic DNA  
20 HYPOTHETICAL: no  
21 ANTI-SENSE: no  
22 FRAGMENT TYPE: internal  
23 ORIGINAL SOURCE:  
24 ORGANISM: human  
25 FEATURE:  
26 NAME/KEY: primer for exon 21 of human Rb1 gene  
27 US-08-779-916A-108  
28  
29 Query Match 0.6%; Score 12.2; DB 1; Length 18;  
30 Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
31 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
32  
33 QY 2042 ATACTATTTTCATTTT 2058  
34 ||||| ||||| |||||  
35 DB 18 ATACCATTTTCTTCTT 2  
36  
37 RESULT 1685  
38 US-08-516-859A-17  
39 ; Sequence 17, Application US/08516859A  
40 ; Patent No. 6069231  
41 ; GENERAL INFORMATION:  
42 APPLICANT: Huang, Shi  
43 TITLE OF INVENTION: Retinoblastoma Protein - Interacting  
44 TITLE OF INVENTION: Zinc Finger Proteins  
45 NUMBER OF SEQUENCES: 106  
46 CORRESPONDENCE ADDRESS:  
47 ADDRESSEE: Campbell & Flores LLP  
48 STREET: 4370 La Jolla Village Drive, Suite 700  
49 CITY: San Diego  
50 STATE: California  
51 COUNTRY: USA  
52 ZIP: 92122  
53 COMPUTER READABLE FORM:  
54 MEDIUM TYPE: Floppy disk  
55 COMPUTER: IBM PC compatible  
56 OPERATING SYSTEM: PC-DOS/MS-DOS  
57 SOFTWARE: Patent In Release #1.0, Version #1.25  
58 CURRENT APPLICATION DATA:  
59 APPLICATION NUMBER: US/08/516,859A  
60 FILING DATE: 18-AUG-1995  
61 CLASSIFICATION: 514  
62 PRIOR APPLICATION DATA:  
63 APPLICATION NUMBER: US 08/399,411  
64 FILING DATE: 06-MAR-1995  
65 PRIOR APPLICATION DATA:  
66 APPLICATION NUMBER: US 08/292,683  
67 FILING DATE: 18-AUG-1994  
68 ATTORNEY/AGENT INFORMATION:  
69 NAME: Campbell, Cathryn A.  
70 REGISTRATION NUMBER: 31,815  
71 REFERENCE/DOCKET NUMBER: P-LJ 1776  
72 TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-516-859A-17

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAGAAACACT 1974
Db 1 GTGGTCCAGAAACATT 17

RESULT 1686
US-08-945-654-14/c
; Sequence 14, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
US-08-945-654-14

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 529 ATCGTCTTGGCCATCCT 545
Db 18 ATCGTCGTGGCATCCT 2

RESULT 1687
US-09-143-212-13
; Sequence 13, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 13
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-13

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1699 CTGGCCACCACTCTTC 1715
Db 2 CTGCCACCACTCTTC 18

RESULT 1688
US-09-147-550-115/c
; Sequence 115, Application US/09147550
; Patent No. 6090540
; GENERAL INFORMATION:
; APPLICANT: Aida, Yoko
; TITLE OF INVENTION: METHODS FOR JUDGING THE POSSIBILITY OF THE ONSET OF
; TITLE OF INVENTION: BOVINE LEUKEMIA AND THE RESISTANCE THEREOF
; FILE REFERENCE: SEQUENCE LISTING FOR 09/147,550
; CURRENT APPLICATION NUMBER: US/09/147,550
; CURRENT FILING DATE: 1999-04-23
; EARLIER APPLICATION NUMBER: PCT/JP97/02485
; EARLIER FILING DATE: 1997-07-17
; EARLIER APPLICATION NUMBER: JP 8-190933
; EARLIER FILING DATE: 1996-07-19
; EARLIER APPLICATION NUMBER: JP 9-77979
; EARLIER FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-147-550-115

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGTCTCT 655
Db 18 GGTCATAGCTGTTTCTCT 2

RESULT 1689
US-09-205-143-47/c
; Sequence 47, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-47

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 1695 CCACCTTGCCACCCATT 1711  
|||||  
DB 18 CCACCTGGCTACCTATT 2

RESULT 1690  
JS-09-205-143-71  
; Sequence 71, Application US/09205143  
; Patent No. 6107091  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION  
; FILE REFERENCE: RTS-0032  
; CURRENT APPLICATION NUMBER: US/09/205,143  
; CURRENT FILING DATE: 1998-12-03  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 71  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
JS-09-205-143-71

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1875 ATCTCTGTTTTTTTCA 1891  
|||||  
DB 1 ATCCCTGATTCTTCA 17

RESULT 1691  
JS-09-280-409-80/c  
; Sequence 80, Application US/09280409  
; Patent No. 6107092  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Bert W. O'Malley  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
; FILE REFERENCE: RTS-0048  
; CURRENT APPLICATION NUMBER: US/09/280,409  
; CURRENT FILING DATE: 1999-03-29  
; NUMBER OF SEQ ID NOS: 146  
; SEQ ID NO 80  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
JS-09-280-409-80

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 388 TTCTGTGAGTGTCTAC 404  
|||||  
DB 17 TTCTGTCACTTGGCTCC 1

RESULT 1692  
JS-09-289-466-46/c  
; Sequence 46, Application US/09289466A  
; Patent No. 6124272  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
; FILE REFERENCE: RTS-0060

; CURRENT APPLICATION NUMBER: US/09/289,466A  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 46  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-46

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 545 TGGAACTGCTAAAGTAT 561  
|||||  
DB 17 TGGAAACAGCAAAAGTCT 1

RESULT 1693  
US-09-289-466-65/c  
; Sequence 65, Application US/09289466A  
; Patent No. 6124272  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
; FILE REFERENCE: RTS-0060  
; CURRENT APPLICATION NUMBER: US/09/289,466A  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 65  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-65

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 CTCAGACTCCCTATCTG 865  
|||||  
DB 17 CTCACACTCCCTGTCTAG 1

RESULT 1694  
US-09-032-894-86/c  
; Sequence 86, Application US/09032894  
; Patent No. 6130041  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR  
; FILE REFERENCE: MIA-005.03  
; CURRENT APPLICATION NUMBER: US/09/032,894  
; CURRENT FILING DATE: 1998-02-27  
; EARLIER APPLICATION NUMBER: 08/890,980  
; EARLIER FILING DATE: 1997-07-10  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 86  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Human  
US-09-032-894-86

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



```
Qy 639 GGTGATGACTGTGTCCT 655
Db 18 GGTGATGACTGTGTCCT 2

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 1695
US-09-487-444-32
; Sequence 32, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-444-32

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1117 AACGAGAACGAGATGA 1133
Db 2 AACGAGAACGAGACGA 18

RESULT 1696
US-09-184-445-10/c
; Sequence 10, Application US/09184445
; Patent No. 6174703
; GENERAL INFORMATION:
; APPLICANT: Harrington, Lea A.
; APPLICANT: Robinson, Murray O.
; TITLE OF INVENTION: NO. 6174703el Genes Encoding Telomerase Protein
; TITLE OF INVENTION: 1
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen, Inc.
; STREET: 1840 De Havilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/184,445
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/751,189
; FILING DATE: 15-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-433
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligo nucleotide"
US-09-184-445-10

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTGATGACTGTGTCCT 655
Db 18 GGTGATGACTGTGTCCT 2

RESULT 1697
US-09-038-073-2582
; Sequence 2582, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 499-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2582:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2582

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1279 TCGATCTGCTCTCTGA 1295
Db 1 UGGUGGUGGUGCCUGA 17

RESULT 1698
US-09-071-433-66/c
; Sequence 66, Application US/09071433A
```

Patent No. 6197584  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Cowsett, Lex M  
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
; FILE REFERENCE: RTS-0002  
; CURRENT APPLICATION NUMBER: US/09/071,433A  
; CURRENT FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 66  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-66

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 529 ATCGTCTGGCCATCT 545  
DB 18 ATCGTCTGGCCATCT 2

RESULT 1699  
US-08-983-466-42  
; Sequence 42, Application US/08983466  
; Patent No. 6207372  
; GENERAL INFORMATION:  
; APPLICANT: SHUBER, ANTHONY P.  
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX  
; TITLE OF INVENTION: DNA AMPLIFICATION  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: RAE-VENTER LAW GROUP  
; STREET: 260 Sheridan Ave., Ste. 440  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/983,466  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/474,450  
; FILING DATE: 07-JUNE-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO96/41012  
; FILING DATE: 06-JUNE-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rae-Venter, Barbara  
; REGISTRATION NUMBER: 32,750  
; REFERENCE/DOCKET NUMBER: GEO.001.01US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 328-4400  
; TELEFAX: (650) 328-4477  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "CFTR 15-PLEX PRIMER

; DESCRIPTION: SEQUENCE - exon 4"  
US-08-983-466-42  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1431 GAAAGAGTCCCGAAG 1447  
DB 2 GTAGGAGTCACCAAG 18  
RESULT 1700  
US-09-195-991-7  
; Sequence 7, Application US/09195991  
; Patent No. 6218119  
; GENERAL INFORMATION:  
; APPLICANT: KUIPER, Martin T.R.  
; APPLICANT: ZABEAU, Marc  
; APPLICANT: VOS, Pieter  
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/195,991  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,888  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McGowan, Malcolm K.  
; REGISTRATION NUMBER: 39,300  
; REFERENCE/DOCKET NUMBER: 010830-097  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-09-195-991-7  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1972 ACTGCTGGCCTCTCTC 1988  
DB 2 ACTGCGTACCTCTCTC 18  
RESULT 1701  
US-09-193-377B-28  
; Sequence 28, Application US/09193377B  
; Patent No. 6221594  
; GENERAL INFORMATION:  
; APPLICANT: Burrell, Paul  
; APPLICANT: Blackall, Linda

```
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; FILE REFERENCE: CULLX20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira moscoviensis
; ORGANISM: Nitrospira moscoviensis
US-09-193-377B-28
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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 16 CGGAGGGCGGACGAC 32
||||| |||||
Db 1 CGGAGGGGAGATGGAC 17
```

```
RESULT 1702
US-09-031-626-86/c
; Sequence 86, Application US/09031626
; Patent No. 6228581
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
; FILE REFERENCE: MIA-005.04
; CURRENT APPLICATION NUMBER: US/09/031,626
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,979
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-031-626-86
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```
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 639 GGTGATGCTGTCTT 655
||||| |||||
Db 18 GGTGATGCTGTCTTCT 2
```

```
RESULT 1703
US-09-307-392-10/c
; Sequence 10, Application US/09307392
; Patent No. 6228999
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,392
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "M13RevP reverse primer"
US-09-307-392-10
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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 639 GGTGATGCTGTCTT 655
||||| |||||
Db 18 GGTGATGCTGTCTTCT 2
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RESULT 1704
US-09-307-392-30
; Sequence 30, Application US/09307392
; Patent No. 6228999
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,392
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
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```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide complementary to
;             M13 forward primer"
; JS-09-307-392-30

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 GATTTTCAGCGGTC 796
Db 2 CATTTTGCTGCGGTC 18

RESULT 1705
US-09-358-972-203/c
; Sequence 203, Application US/09358972
; Patent No. 6235480
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; CURRENT FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:CAH reverse
; OTHER INFORMATION: probe
; US-09-358-972-203

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 624 CTACACCGGACCGGG 640
Db 17 CTAGACCAAGACTGGG 1

RESULT 1706
US-09-358-972-224
; Sequence 224, Application US/09358972
; Patent No. 6235480
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; CURRENT FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:CAH reverse
; OTHER INFORMATION: probe
; US-09-358-972-203

; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; CURRENT FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 224
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: CAH oligo 5 for mutation site 5
; US-09-358-972-224

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1146 GATCAACAGCGACTGT 1162
Db 1 GATTCAGCAGCGACTGT 17

RESULT 1707
US-09-431-480-20
; Sequence 20, Application US/09431480
; Patent No. 6235708
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Feldhaus, Andrew
; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
; FILE REFERENCE: 98-72
; CURRENT APPLICATION NUMBER: US/09/431,480
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 60/109,217
; EARLIER FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: 60/156,382
; EARLIER FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC20815
; US-09-431-480-20

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 573 GCTGTACATTGACATTG 589
Db 1 GCTGCACATAGACATAG 17

RESULT 1708
US-09-018-584A-90/c
; Sequence 90, Application US/09018584A
; Patent No. 6238663
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
```

;; APPLICANT: Bacher, Jeffery W.  
;; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
;; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
;; TITLE OF INVENTION: REPEAT DNA MARKERS  
;; CORRESPONDENCE ADDRESS: 147  
;; STREET: 2800 Woods Hollow Road  
;; CITY: Madison  
;; STATE: Wisconsin  
;; COUNTRY: U.S.A.  
;; ZIP: 53711-5399  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
;; COMPUTER: IBM compatible PC  
;; OPERATING SYSTEM: Windows 95  
;; SOFTWARE: Word 97 (DOS text format)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/018,584A  
;; FILING DATE: 04-Feb-1998  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Grady J. Frenchick  
;; REGISTRATION NUMBER: 29,018  
;; REFERENCE/DOCKET NUMBER: 16026.9180  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (608) 257-3501  
;; TELEFAX: (608) 257-2275  
;; INFORMATION FOR SEQ ID NO: 90:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
US-09-018-584A-90

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1673 GCTGGGTGAGCTCTTCC 1689  
| | | | | | | | | | | | | | | | | |  
Db 17 GATGGGGAGCTCTACC 1

RESULT 1709  
US-09-290-577-13  
; Sequence 13, Application US/09290577  
; Patent No. 6238868  
; GENERAL INFORMATION:  
; APPLICANT: Carrino, John J.  
; APPLICANT: Gerue, Louis O.  
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC  
; TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND  
; TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP  
; TITLE OF INVENTION: TECHNOLOGY  
; FILE REFERENCE: 238/238  
; CURRENT APPLICATION NUMBER: US/09/290,577  
; CURRENT FILING DATE: 1999-04-12  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Salmonella typhimurium  
US-09-290-577-13  
  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 1522 TCCAGCTCTGGCTTCTCCT 1538

Db 1 TCCATCTCTGGATTCTT 17  
| | | | | | | | | | | | | | | | | |  
RESULT 1710  
US-09-617-302-20  
; Sequence 20, Application US/09617302  
; Patent No. 6245529  
; GENERAL INFORMATION:  
; APPLICANT: Holloway, James L.  
; APPLICANT: Feldhaus, Andrew  
; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T  
; FILE REFERENCE: 98-72 C1  
; CURRENT APPLICATION NUMBER: US/09/617,302  
; CURRENT FILING DATE: 2000-07-17  
; PRIOR APPLICATION NUMBER: 09/431,480  
; PRIOR FILING DATE: 1999-11-01  
; PRIOR APPLICATION NUMBER: 60/109,217  
; PRIOR FILING DATE: 1998-11-20  
; PRIOR APPLICATION NUMBER: 60/156,382  
; PRIOR FILING DATE: 1999-09-28  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 20  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC20815  
US-09-617-302-20

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 573 GCTGTACATTCGACATTG 589  
| | | | | | | | | | | | | | | | | |  
Db 1 GCTGCACATAGACATAG 17

RESULT 1711  
US-09-042-353-20  
; Sequence 20, Application US/09042353  
; Patent No. 6255458  
; GENERAL INFORMATION:  
; APPLICANT: Lonberg, Nils  
; APPLICANT: Kay, Robert M.  
; TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for  
; TITLE OF INVENTION: Producing Heterologous Antibodies  
; NUMBER OF SEQUENCES: 421  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/042,353  
; FILING DATE: 13-MAR-1998  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/810,279  
; FILING DATE: 17-DEC-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,408  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/904,068  
FILING DATE: 23-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/990,860  
FILING DATE: 16-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/053,131  
FILING DATE: 26-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/096,762  
FILING DATE: 22-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/155,301  
FILING DATE: 18-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/161,739  
FILING DATE: 03-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/165,699  
FILING DATE: 10-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/209,741  
FILING DATE: 09-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/352,322  
FILING DATE: 07-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/544,404  
FILING DATE: 10-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/728,463  
FILING DATE: 10-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US96/16433  
FILING DATE: 10-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/758,417  
FILING DATE: 02-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/21803  
FILING DATE: 01-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 014643-009040US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-042-353-20

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 ATGACTACTTTGTAATAC 1071  
DB 2 AGGGCTACTTTGACTAC 18

RESULT 1712  
US-08-955-918C-16  
Sequence 16, Application US/08955918C  
Patent No. 6268130  
GENERAL INFORMATION:  
APPLICANT: Kleyh, Patrick, and Moore, Karen  
TITLE OF INVENTION: RP Compositions and Therapeutic and

TITLE OF INVENTION: Diagnostic Uses Therefor  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD, LLP  
STREET: 28 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/955,918C  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/697,766  
FILING DATE: 29-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Mandragouras, Amy E.  
REGISTRATION NUMBER: 36,207  
REFERENCE/DOCKET NUMBER: MNI-007CPDV2CPA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-955-918C-16

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 984 CGTTGCCCGTCGAGGA 1000  
DB 2 CGGTCCAGGTCGAGGA 18

RESULT 1713  
US-09-268-140-41/c  
Sequence 41, Application US/09268140  
Patent No. 6268176  
GENERAL INFORMATION:  
APPLICANT: Gemmill, Robert M.  
APPLICANT: Drabkin, Harry A.  
TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED  
FILE REFERENCE: 93445-00004  
CURRENT APPLICATION NUMBER: US/09/268,140  
CURRENT FILING DATE: 2000-03-12  
PRIOR APPLICATION NUMBER: US 60/077,723  
PRIOR FILING DATE: 1998-03-12  
NUMBER OF SEQ ID NOS: 46  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 41  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-268-140-41

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1491 GCGAGGAGGTCAAGTTGG 1507  
DB 18 GCGCAGGTCAGATGG 2

RESULT 1714  
US-09-406-064-31  
; Sequence 31, Application US/09406064  
; Patent No. 6270973  
; GENERAL INFORMATION:  
; APPLICANT: Schultz, John W.  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Wood, Keith V.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION  
; FILE REFERENCE: PRO-107.0 (6868/75532)  
; CURRENT APPLICATION NUMBER: US/09/406,064  
; CURRENT FILING DATE: 1999-09-27  
; EARLIER APPLICATION NUMBER: 09/358,972  
; EARLIER FILING DATE: 1999-07-21  
; EARLIER APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 99  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 31  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-406-064-31

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1146 GATCAACAGCGACTGT 1162  
Db 1 GATTCAGCGCGACTGT 17

RESULT 1715  
US-09-406-064-69/c  
; Sequence 69, Application US/09406064  
; Patent No. 6270973  
; GENERAL INFORMATION:  
; APPLICANT: Schultz, John W.  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Wood, Keith V.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION  
; FILE REFERENCE: PRO-107.0 (6868/75532)  
; CURRENT APPLICATION NUMBER: US/09/406,064  
; CURRENT FILING DATE: 1999-09-27  
; EARLIER APPLICATION NUMBER: 09/358,972  
; EARLIER FILING DATE: 1999-07-21  
; EARLIER APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 99  
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 69  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: CAH reverse  
; OTHER INFORMATION: probe  
US-09-406-064-69

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 624 CTACACCGACGCGGG 640  
Db 17 CTAGACCGACGAACTGGG 1

RESULT 1716  
US-09-430-615-39/c  
; Sequence 39, Application US/09430615  
; Patent No. 6277578  
; GENERAL INFORMATION:  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Andrews, Christine Ann  
; APPLICANT: Hartnett, James Robert  
; APPLICANT: Welch, Roy  
; APPLICANT: Shultz, John William  
; TITLE OF INVENTION: Method for Amplified Nucleic Acid Detection  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/09/430,615  
; CURRENT FILING DATE: 1999-10-29  
; PRIOR APPLICATION NUMBER: 09/358,972  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/252,436  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: 09/042,287  
; PRIOR FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: CAH reverse  
; OTHER INFORMATION: probe  
US-09-430-615-39

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 624 CTACACCGACGCGGG 640  
Db 17 CTAGACCGACGAACTGGG 1

RESULT 1717  
US-09-430-615-60  
; Sequence 60, Application US/09430615  
; Patent No. 6277578  
; GENERAL INFORMATION:  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Andrews, Christine Ann  
; APPLICANT: Hartnett, James Robert  
; APPLICANT: Welch, Roy  
; APPLICANT: Shultz, John William  
; TITLE OF INVENTION: Method for Amplified Nucleic Acid Detection

```
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/430,615
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-430-615-60

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1146 GATCAACAGCGACTCT 1162
Db 1 GATTCAGCGCGACTCT 17

RESULT 1718
US-09-630-706-62
; Sequence 62, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-62

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1465 GAGAGCCGAGGCCAA 1481
Db 1 GAGAACCCGAGGCCAA 17

RESULT 1719
US-09-461-697-466/c
; Sequence 466, Application US/09461697
; Patent No. 6277974
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Purnan, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/461,697
; CURRENT FILING DATE: 1999-12-14

; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/430,615
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 466
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-461-697-466

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCACTGACTGTCTCT 655
Db 18 GGTCACTGACTGTCTCT 2

RESULT 1720
US-09-109-663-78
; Sequence 78, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: Effective ASO
US-09-109-663-78

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 629 CCACGACCCGGTCATG 645
Db 1 CCACGTCCTCCGATCATG 17

RESULT 1721
US-09-380-786A-10/c
; Sequence 10, Application US/09380786A
; Patent No. 6280948
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; FILE REFERENCE: 960296.96706
; CURRENT APPLICATION NUMBER: US/09/380,786A
; CURRENT FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: PCT/US98/04819
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: US 08/815,448
; PRIOR FILING DATE: 1997-03-11
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
```



; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: M13RevP  
; OTHER INFORMATION: reverse primer  
US-09-380-786A-10

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
||||| |||||  
Db 18 GGTGATGACTGTGTCCT 2

## RESULT 1722

US-09-380-786A-28  
; Sequence 28, Application US/09380786A  
; Patent No. 6280948  
; GENERAL INFORMATION:  
; APPLICANT: Guilfoyle, Richard A  
; APPLICANT: Guo, Zhen  
; TITLE OF INVENTION: Nucleic Acid Indexing  
; FILE REFERENCE: 960296.96706  
; CURRENT APPLICATION NUMBER: US/09/380,786A  
; CURRENT FILING DATE: 1999-09-03  
; PRIOR APPLICATION NUMBER: PCT/US98/04819  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: US 08/815,448  
; PRIOR FILING DATE: 1997-03-11  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 28  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: adaptor  
US-09-380-786A-28

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
||||| |||||  
Db 1 GGTGATGACTGTGTCCT 17

## RESULT 1723

US-08-819-646-3/c  
; Sequence 3, Application US/08819646  
; Patent No. 6281348  
; GENERAL INFORMATION:  
; APPLICANT: CIGAN, Andrew M.  
; APPLICANT: ALBERTSEN, Marc C.  
; TITLE OF INVENTION: Reversible Nuclear Genetic System For  
; TITLE OF INVENTION: Male Sterility In Transgenic Plants  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/819,646  
; FILING DATE: 17-MAR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/474,556  
; FILING DATE: 07-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/351,899  
; FILING DATE: 08-DEC-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 33229/329/PIHI  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-819-646-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
||||| |||||  
Db 18 GGTGATGACTGTGTCCT 2

## RESULT 1724

US-09-557-917-115/c  
; Sequence 115, Application US/09557917  
; Patent No. 6284457  
; GENERAL INFORMATION:  
; APPLICANT: Aida, Yoko  
; TITLE OF INVENTION: METHODS FOR JUDGING THE POSSIBILITY OF THE ONSET OF  
; FILE REFERENCE:  
; TITLE OF INVENTION: BOVINE LEUKEMIA AND THE RESISTANCE THERETO  
; CURRENT APPLICATION NUMBER: US/09/557,917  
; CURRENT FILING DATE: 2000-04-21  
; PRIOR APPLICATION NUMBER: 09/147,550  
; PRIOR FILING DATE: 1999-04-23  
; PRIOR APPLICATION NUMBER: PCT/JP97/02485  
; PRIOR FILING DATE: 1997-07-17  
; PRIOR APPLICATION NUMBER: JP 8-190933  
; PRIOR FILING DATE: 1996-07-19  
; PRIOR APPLICATION NUMBER: JP 9-77979  
; PRIOR FILING DATE: 1997-03-28  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 115  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER  
US-09-557-917-115

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655  
||||| |||||  
Db 18 GGTGATGACTGTGTCCT 2

## RESULT 1725

US-08-795-445A-11/c

; Sequence 11, Application US/08795445A  
; Patent No. 628485  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Behavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795,445A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-08-795-445A-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655  
Db 18 GGTCATGACTGTCTCT 2

RESULT 1726  
US-08-795-447A-11/c  
; Sequence 11, Application US/08795447A  
; Patent No. 6284728  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Osteoprotegerin  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: One Amgen Center Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91362-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/795,447A  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378D2  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-08-795-447A-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655  
Db 18 GGTCATGACTGTCTCT 2

RESULT 1727  
US-08-974-186-11/c  
; Sequence 11, Application US/08974186  
; Patent No. 6284740  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Behavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/974,186  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-08-974-186-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655  
Db 18 GGTCATGACTGTCTCT 2

RESULT 1728  
US-08-795-446B-11/c  
; Sequence 11, Application US/08795446B  
; Patent No. 6288032  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795.446B  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-795-446B-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 639 GGTCATGACTGTGTCCT 655  
Db 18 GGTCATGACTGTTCCT 2

RESULT 1729  
US-09-723-534-20  
; Sequence 20, Application US/09723534  
; Patent No. 6294382  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION  
; FILE REFERENCE: RTS-0225  
; CURRENT APPLICATION NUMBER: US/09/723.534  
; CURRENT FILING DATE: 2000-11-27  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 20  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-723-534-20

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 1860 GCTGGGTCTTCAAGGAT 1876  
Db 2 GCTTGGTCATAAAGGAT 18  
  
RESULT 1730  
US-09-304-452-3/c  
; Sequence 3, Application US/09304452  
; Patent No. 6300069  
; GENERAL INFORMATION:  
; APPLICANT: Missel, Andreas  
; APPLICANT: Loeffert, Dirk  
; APPLICANT: Kang, Jie  
; TITLE OF INVENTION: The Generation and Amplification of Nucleic Acids  
; FILE REFERENCE: OGN-007.0 US  
; CURRENT APPLICATION NUMBER: US/09/304.452  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER:  
; EARLIER FILING DATE:  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Microsoft Word 97  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; NAME/KEY: Primer\_bind  
; LOCATION:  
; OTHER INFORMATION: 5' primer for beta-actin  
US-09-304-452-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 707 GGGCTGGCAAAGGCAAG 723  
Db 18 GGATCGGCAAAGGCAAG 2

RESULT 1731  
US-08-758-417A-287  
; Sequence 287, Application US/08758417A  
; Patent No. 6300129  
; GENERAL INFORMATION:  
; APPLICANT: Lonberg, Nils  
; Kay, Robert M.  
; TITLE OF INVENTION: Transgenic No. 6300129-Human Animals for  
; Producing Heterologous Antibodies  
; NUMBER OF SEQUENCES: 417  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/758.417A  
; FILING DATE: 02-Dec-1996  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/728,463

FILING DATE: 10-OCT-1996  
APPLICATION NUMBER: US 08/544,404  
FILING DATE: 10-OCT-1995  
APPLICATION NUMBER: US 08/352,322  
FILING DATE: 07-DEC-1994  
APPLICATION NUMBER: US 08/209,741  
FILING DATE: 09-MAR-1994  
APPLICATION NUMBER: US 08/165,699  
FILING DATE: 10-DEC-1993  
APPLICATION NUMBER: US 08/161,739  
FILING DATE: 03-DEC-1993  
APPLICATION NUMBER: US 08/155,301  
FILING DATE: 18-NOV-1993  
APPLICATION NUMBER: US 08/096,762  
FILING DATE: 22-JUL-1993  
APPLICATION NUMBER: US 08/053,131  
FILING DATE: 26-APR-1993  
APPLICATION NUMBER: US 07/990,860  
FILING DATE: 16-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Serafini, Andrew T.  
REGISTRATION NUMBER: 41,303  
REFERENCE/DOCKET NUMBER: 014643-009030US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 287:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 287:  
US-08-758-417A-287

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 ATGACTACTTTTGAATAC 1071  
DB 2 AGGGCTACTTTGACTAC 18

RESULT 1732  
US-09-290-452-13  
; Sequence 13, Application US/09290452  
; Patent No. 6309833  
; GENERAL INFORMATION:  
; APPLICANT: Nerenberg, Michael I.  
; APPLICANT: Westin, Lorelei P.  
; APPLICANT: Carrino, John  
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID  
; TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC  
; TITLE OF INVENTION: STRUCTURES  
; FILE REFERENCE: 241/109  
; CURRENT APPLICATION NUMBER: US/09/290,452  
; CURRENT FILING DATE: 1999-04-12  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Salmonella typhimurium  
US-09-290-452-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TCCAGCTCTGGCTTCT 1538

Db 1 TCCATCTCTGGATTCTT 17  
RESULT 1733  
US-09-406-065-44/c  
; Sequence 44, Application US/09406065  
; Patent No. 6312902  
; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B  
; APPLICANT: Andrews, Christine A  
; APPLICANT: Hartnett, James R  
; APPLICANT: Gu, Trent  
; APPLICANT: Olson, Ryan J  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Improved Nucleic Acid Detection  
; FILE REFERENCE: Improved Nucleic Acid Detection  
; CURRENT APPLICATION NUMBER: US/09/406,065  
; CURRENT FILING DATE: 1999-09-27  
; EARLIER APPLICATION NUMBER: 09/358,972  
; EARLIER FILING DATE: 1999-07-21  
; EARLIER APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 44  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:CAH reverse  
US-09-406-065-44

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 624 CTAGACCACGGACCGG 640  
DB 17 CTAGACCACGAACGG 1

RESULT 1734  
US-09-406-065-65  
; Sequence 65, Application US/09406065  
; Patent No. 6312902  
; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B  
; APPLICANT: Andrews, Christine A  
; APPLICANT: Hartnett, James R  
; APPLICANT: Gu, Trent  
; APPLICANT: Olson, Ryan J  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Improved Nucleic Acid Detection  
; FILE REFERENCE: Improved Nucleic Acid Detection  
; CURRENT APPLICATION NUMBER: US/09/406,065  
; CURRENT FILING DATE: 1999-09-27  
; EARLIER APPLICATION NUMBER: 09/358,972  
; EARLIER FILING DATE: 1999-07-21  
; EARLIER APPLICATION NUMBER: 09/252,436

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/ EARLIER FILING DATE: 1999-02-18
/ EARLIER APPLICATION NUMBER: 09/042,287
/ EARLIER FILING DATE: 1998-03-13
/ NUMBER OF SEQ ID NOS: 81
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 65
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-406-065-65

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1146 GATCAACAGCGACTGT 1162
Db 1 GATTCAGCAGCGACTGT 17

RESULT 1735
US-09-301-456-4/c
/ Sequence 4, Application US/09301456
/ Patent No. 6312955
/ GENERAL INFORMATION:
/ APPLICANT: HRUBY, Dennis E.
/ APPLICANT: FRANK, Christine A.
/ TITLE OF INVENTION: STREPTOCOCCUS GORDONII STRAINS RESISTANT TO
/ TITLE OF INVENTION: FLUORODEXYURIDINE
/ FILE REFERENCE: 016921-151
/ CURRENT APPLICATION NUMBER: US/09/301,456
/ CURRENT FILING DATE: 1999-04-29
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 4
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Streptococcus gordonii
US-09-301-456-4

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGTCCT 655
Db 18 GGTCATAGCTGTTTCCT 2

RESULT 1736
US-09-430-201-3
/ Sequence 3, Application US/09430201
/ Patent No. 6313373
/ GENERAL INFORMATION:
/ APPLICANT: Eckert, Richard L.
/ APPLICANT: Crish, James F.
/ TITLE OF INVENTION: Tissue Specific Promoters and Transgenic Animals for
/ TITLE OF INVENTION: the Screening of Pharmaceuticals
/ FILE REFERENCE: CASE-04022
/ CURRENT APPLICATION NUMBER: US/09/430,201
/ CURRENT FILING DATE: 1999-10-29
/ PRIOR APPLICATION NUMBER: 60/106,495
/ PRIOR FILING DATE: 1998-10-30
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 3
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-430-201-3

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;

/ EARLIER FILING DATE: 1999-02-18
/ EARLIER APPLICATION NUMBER: 09/042,287
/ EARLIER FILING DATE: 1998-03-13
/ NUMBER OF SEQ ID NOS: 81
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 65
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-406-065-65

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 CTGCCTATGCTGATGCT 956
Db 1 CTGCTTAAGCTGCTGCT 17

RESULT 1737
US-09-355-947-6/c
/ Sequence 6, Application US/09355947
/ Patent No. 6316184
/ GENERAL INFORMATION:
/ APPLICANT: Aida, Yoko
/ TITLE OF INVENTION: METHOD FOR JUDGING A POSSIBILITY OF THE ONSET OF OVINE
/ TITLE OF INVENTION: LEUKEMIA
/ FILE REFERENCE: Sequence Disclosure for P18364
/ Patent No. 6316184
/ CURRENT APPLICATION NUMBER: US/09/355,947
/ CURRENT FILING DATE: 1999-10-21
/ PRIOR APPLICATION NUMBER: JP 9/031787
/ PRIOR FILING DATE: 1997-02-17
/ PRIOR APPLICATION NUMBER: PCT/JP98/00620
/ PRIOR FILING DATE: 1998-02-16
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 6
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: ovine
US-09-355-947-6

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGTCCT 655
Db 18 GGTCATAGCTGTTTCCT 2

RESULT 1738
US-09-586-472-17
/ Sequence 17, Application US/09586472
/ Patent No. 6323335
/ GENERAL INFORMATION:
/ APPLICANT: Huang, Shi
/ TITLE OF INVENTION: Retinoblastoma Protein - Interacting
/ NUMBER OF SEQUENCES: 106
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Campbell & Flores LLP
/ STREET: 4370 La Jolla Village Drive, Suite 700
/ CITY: San Diego
/ STATE: California
/ COUNTRY: USA
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/586,472
/ FILING DATE: 01-Jun-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 09/528,706
/ FILING DATE: 17-MAR-2000
/ APPLICATION NUMBER: US 08/516,859
/ FILING DATE: 18-AUG-1995
/ APPLICATION NUMBER: US 08/399,411
/ FILING DATE: 06-MAR-1995
/ APPLICATION NUMBER: US 08/292,683
```



REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6204:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-6204

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 64.7%; Pred. No. 8.1e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 638 GGGTCATGACTGTGTC 654  
DB 1 GGGCCACAGUGUCC 17

RESULT 1742

US-08-584-040-8346  
Sequence 8346, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8346:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8346

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 58.8%; Pred. No. 8.1e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1520 TCTCAGCTCTGGTTC 1536  
DB 2 UCACCAGCUCAGGUCC 18

RESULT 1743

US-08-584-040-8382/c  
Sequence 8382, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8382:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8382

Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 14 GCGCGAGCGGACGG 30  
DB 18 GCGCGTGGCGGCGG 2

RESULT 1744

US-09-303-069-21/c

Sequence 21, Application US/09303069A  
Patent No. 6350592  
GENERAL INFORMATION:  
APPLICANT: Lee, Mu-En  
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC  
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF  
FILE REFERENCE: 05433/039001  
CURRENT APPLICATION NUMBER: US/09/303,069A  
CURRENT FILING DATE: 1999-04-30  
EARLIER APPLICATION NUMBER: US 09/134,250  
EARLIER FILING DATE: 1998-08-14  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Mus musculus  
US-09-303-069-21  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. NO. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
2Y 1005 TGAGACAGCTGGGCC 1021  
Db 17 TGACCCAGCTGAGGCC 1  
RESULT 1745  
US-09-205-995-17  
Sequence 17, Application US/09205995  
Patent No. 6368855  
GENERAL INFORMATION:  
APPLICANT: Xu, Minzhen  
APPLICANT: Qiu, Gang  
APPLICANT: Humphreys, Robert  
TITLE OF INVENTION: CANCER CELL VACCINE  
FILE REFERENCE: U.S. Application 09/205,995, (CIP)  
CURRENT APPLICATION NUMBER: US/09/205,995  
CURRENT FILING DATE: 1998-12-04  
PRIOR APPLICATION NUMBER: 09/036,746  
PRIOR FILING DATE: 1998-03-09  
PRIOR APPLICATION NUMBER: 08/661,627  
PRIOR FILING DATE: 1996-06-11  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 17  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide corresponding to a specific region  
OTHER INFORMATION: of the mouse li gene.  
US-09-205-995-17  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. NO. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 953 TGCTGGAGCGCTGGT 969  
Db 2 TTCTGGAGGTGATGGT 18  
RESULT 1746  
US-08-706-945D-5/c  
Sequence 5, Application US/08706945D  
Patent No. 6369027  
GENERAL INFORMATION:  
APPLICANT: Boyle, William  
APPLICANT: Lacey, David

APPLICANT: Calzone, Frank  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Osteoprotegerin  
FILE REFERENCE: A-378CIP  
CURRENT APPLICATION NUMBER: US/08/706,945D  
CURRENT FILING DATE: 1996-09-03  
PRIOR APPLICATION NUMBER: 08/577,788  
PRIOR FILING DATE: 1995-12-22  
NUMBER OF SEQ ID NOS: 145  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-08-706-945D-5  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. NO. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 639 GGTATGACTGTGTCTT 655  
Db 18 GGTATGACTGTCTTCT 2  
RESULT 1747  
US-09-395-345-10  
Sequence 10, Application US/09395345  
Patent No. 6376176  
GENERAL INFORMATION:  
APPLICANT: Taylor, Kent D.  
APPLICANT: Rotter, Jerome I.  
APPLICANT: Yang, Ruiying  
TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex  
FILE REFERENCE: P-CB 3639  
CURRENT APPLICATION NUMBER: US/09/395,345  
CURRENT FILING DATE: 1999-09-13  
NUMBER OF SEQ ID NOS: 40  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-395-345-10  
Query Match 0.6%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. NO. 8.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1243 GCGATGAGGAGGAAGA 1259  
Db 2 GCCGAGGAGGAAGAAGA 18  
RESULT 1748  
US-09-236-140A-112  
Sequence 112, Application US/09236140A  
Patent No. 6376236  
GENERAL INFORMATION:  
APPLICANT: Dubensky Jr, Thomas W  
Polo, John M.  
Ibanez, Carlos E.  
Chang, Stephen M.W.  
Jolly, Douglas J.  
Driver, David A.  
Belli, Barbara A.  
TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS PARTICLES  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OPPENHEIMER WOLFF & DONNELLY